

ETS – Airshed Data Administration Training Manual

An overview on how to use
the Administration Module
in ETS

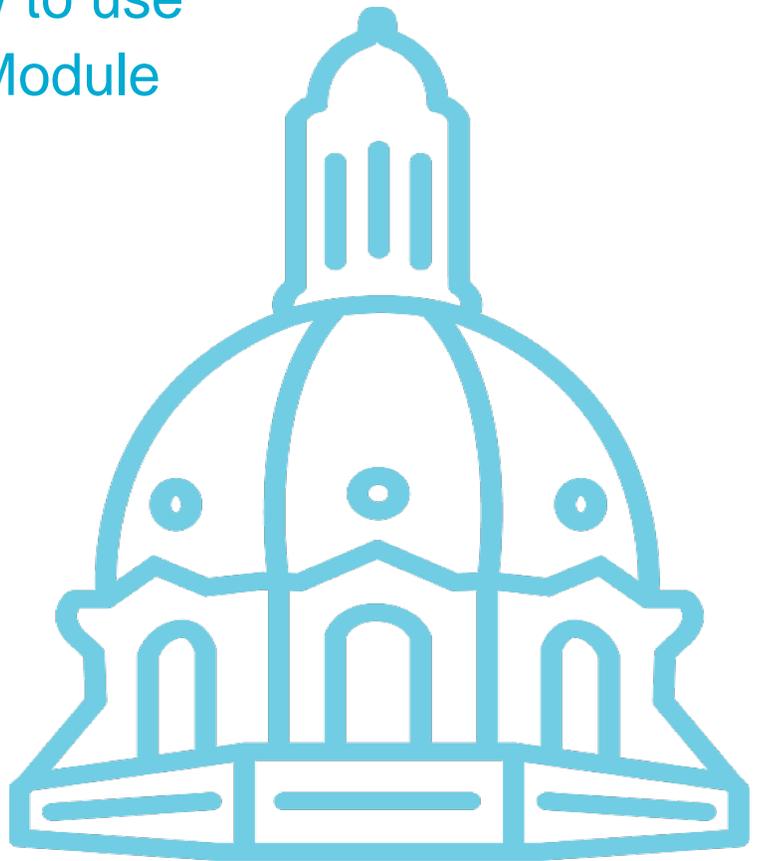


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1. ETS Role Management

Each Client Account must be assigned a role or roles which defines the functionality that this account can access while on the ETS air data module. This is designed to allow organizations to delegate specific functionality to certain accounts for different forms and stations. Multiple roles can be assigned to each Client Account.

Please note:

- Site Administrator needs to assign coordinator roles(s).
- A Coordinator needs to go through each user and assign role(s) or remove roles as needed for each station.

Roles in ETS

Site Administrator

- Create accounts and assign Coordinator role for the area operator in ETS account node

Coordinator (will be discussed in this manual)

- Can create stations and assign roles by station within the assigned “area operator” in admin module

Station Manager (will be discussed in this manual)

- Can modify ambient station details and assign reference data. Role can be assigned by station.

Reviewer

- Can review *Pending Review* submissions of others and pass or fail them, progressing them to *Submitted* or *Review Failed* status. Can view and edit the submissions of others. Role can be assigned by station.

Submitter

- Can create requests and begin the submission process; data will be validated and submission will progress to *Pending Review* but not to *Submitted*. Cannot view submissions of others. Role can be assigned by station.

Viewer

- Can view the submissions of other users and view station information. Role can be assigned by station.

Roles	Role Assignment by Station	Create Station	Update Ambient Station info (includes assigning VVC, equipment)	See Stations (read-only)	Submit (create a submission)	Review (sign off on a submission)	View Submissions (work in progress)
Coordinator	Yes	Yes	No	Yes	No	No	Yes
Station Manager	No	No	Yes	Yes	No	No	No
Reviewer	No	No	No	Yes	No	Yes	Yes
Submitter	No	No	No	Yes	Yes	No	No
Viewer	No	No	No	Yes	No	No	Yes

2. Airshed Administration Form Types

Processing Form

This is a typical form used for updating, assigning VVCs, and getting detailed information on stations when the “**Station Maintenance**” option is selected.

The contents in the form will change depending on the selection made and will be identified throughout this document.

The screenshot displays the 'Air Data' application interface. At the top, there is a navigation bar with 'Air Data', 'Station Maintenance', and 'User Roles'. Below this, the 'Airshed Ambient Station List' form is shown. The form includes a 'Form Title' section, 'Processing buttons' (Create, Update, VVC Assignments, Detail), and an 'Area Operator' field set to 'Wood Buffalo Environmental Association'. A table of station data is displayed with columns for Station ID, Station Name, Station Effective Date, Station Suspend/Termination Date, and Current Status. The table contains 10 rows of data. At the bottom, there is a footer showing '1 - 10 of 42 records' and 'Page Navigation' (1, 2, 3, 4, 5, Next, -1).

Station ID	Station Name	Station Effective Date	Station Suspend/Termination Date	Current Status
<input type="checkbox"/> 1064	Fort McMurray-Athabasca Valley	1997/1/20/1 12:00 AM		Active
<input type="checkbox"/> 1065	Fort McKay-Bertha Gander	1997/1/20/1 12:00 AM		Active
<input type="checkbox"/> 1066	Mildred Lake	1997/1/20/1 12:00 AM		Active
<input type="checkbox"/> 1067	Lower Camp Mel Tower	1997/1/20/1 12:00 AM		Active
<input type="checkbox"/> 1068	Buffalo Viewpoint	1997/1/20/1 12:00 AM		Active
<input type="checkbox"/> 1069	Mannik	1997/1/20/1 12:00 AM		Active
<input type="checkbox"/> 1070	Fort McMurray-Patricia McInnes	1997/1/20/1 12:00 AM		Active
<input type="checkbox"/> 1071	Fort Chipewyan	1997/1/20/1 12:00 AM		Active
<input type="checkbox"/> 1074	Lower Camp	2001/07/01 12:00 AM		Active
<input type="checkbox"/> 1076	Fort McKay South	2001/07/01 12:00 AM		Active

Create/Update Form

This is a typical form used to create, update, and provide details for existing stations when the “**Station Maintenance**” option is selected and you have a Station Manger Role.

The contents in the form will change depending on the selection made and will be identified throughout this document.

The screenshot shows the 'Update Station' form within the 'Air Data' application. The form is titled 'Update Station' and includes a confirmation message: 'Please confirm that the station information is correct by clicking the Update button.' The form contains several input fields and a dropdown menu, with some fields highlighted as 'Filled in area' and others as 'Greyed-out fields (cannot be modified)'. A 'Back to Station List' button is also visible.

Selection Options: Station Maintenance, User Roles

Form Title: Update Station

Filled in area: Station ID (1065), Station Name (Fort McKay-Bertha Garter), Alternate Name (FTMK), Station Type (Permanent), Longitude (in decimal) (-111.64045000), Latitude (in decimal) (57.18945000), Elevation (in meters above sea level) (), Status (Active)

Greyed-out fields (cannot be modified): Effective Date (12/01/1997 00:00:00), Termination Date (), Permanently Terminated (checkbox)

Screen Button: Update

Screen Button: Back to Station List

Effective Date	Termination Date	Comments
1997/12/01 12:00 AM		

Buttons: Add Station New Effective Period, Modify Station Effective Period

Details Form

This is an example of a details form, where you can view information, but not update it.

Air Data
Station Maintenance
User Roles

Airshed Station Details

<table style="width: 100%; border-collapse: collapse;"> <tr><td style="padding: 2px 5px;">Station ID</td><td style="padding: 2px 5px;">1066</td></tr> <tr><td style="padding: 2px 5px;">Station Name</td><td style="padding: 2px 5px;">Mildred Lake</td></tr> <tr><td style="padding: 2px 5px;">Alternate Name</td><td style="padding: 2px 5px;">MDLK</td></tr> <tr><td style="padding: 2px 5px;">Effective Date</td><td style="padding: 2px 5px;">1997/12/01 12:00 AM</td></tr> <tr><td style="padding: 2px 5px;">Termination Date</td><td style="padding: 2px 5px;"></td></tr> <tr><td style="padding: 2px 5px;">Permanently Terminated</td><td style="padding: 2px 5px;"><input type="checkbox"/></td></tr> </table>	Station ID	1066	Station Name	Mildred Lake	Alternate Name	MDLK	Effective Date	1997/12/01 12:00 AM	Termination Date		Permanently Terminated	<input type="checkbox"/>	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="padding: 2px 5px;">Station Type</td><td style="padding: 2px 5px;">Permanent</td></tr> <tr><td style="padding: 2px 5px;">Longitude (in decimal)</td><td style="padding: 2px 5px;">-111.56382000</td></tr> <tr><td style="padding: 2px 5px;">Latitude (in decimal)</td><td style="padding: 2px 5px;">57.04978000</td></tr> <tr><td style="padding: 2px 5px;">Elevation (in meters above sea level)</td><td style="padding: 2px 5px;"></td></tr> <tr><td style="padding: 2px 5px;">Status</td><td style="padding: 2px 5px;">Active</td></tr> </table>	Station Type	Permanent	Longitude (in decimal)	-111.56382000	Latitude (in decimal)	57.04978000	Elevation (in meters above sea level)		Status	Active
Station ID	1066																						
Station Name	Mildred Lake																						
Alternate Name	MDLK																						
Effective Date	1997/12/01 12:00 AM																						
Termination Date																							
Permanently Terminated	<input type="checkbox"/>																						
Station Type	Permanent																						
Longitude (in decimal)	-111.56382000																						
Latitude (in decimal)	57.04978000																						
Elevation (in meters above sea level)																							
Status	Active																						

Back to Station List
Station-VVC Assignment History

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3. Airshed Administration (Coordinator)

Airshed Administration Screen

This is the “**Airshed Administration**” Screen for the Coordinator. At the top of the screen in the blue band are 2 choices:

- “**Station Maintenance**” - the Station Manager maintain information on the stations, and
- “**User Roles**” - the Station Manager assign various roles and stations to user(s).

To access the “**Airshed Administration**” screen, the Coordinator signs on to ETS, clicks “**Air Data**” node and clicks the “**Administration**” sub-node.



The Coordinator:

1. signs on to ETS,
 2. clicks “**Air Data**” node,
 3. clicks “**Administration**” sub-node,
- to get the “**Airshed Administration**” screen shown on above.

Airshed Ambient Station List Screen

This is the “*Airshed Ambient Station List*” form for a particular *Airshed* having:

1. “**Create**” and “**Detail**” buttons for creating new stations, and providing detailed data on existing stations;
2. A list of stations with detailed information based on the following headers:
 - a) Station ID,
 - b) Station Name,
 - c) Effective Date, and
 - d) Termination Date

Area Operator: Lakeland Industry and Community Association

Station ID	Station Name	Effective Date	Termination Date
<input type="checkbox"/> 1252	St. Lina- passive sample	2009/06/25	
<input type="checkbox"/> 1180	Elk Point Airport- PASSIVE	2012/03/22	
<input type="checkbox"/> 1250	ST. LINA	2009/06/09	
<input type="checkbox"/> 1631	(Portable) Bonnyville -AER site	2016/06/01	2017/07/31
<input type="checkbox"/> 1527	Bonnyville station - AER parking lot	2016/05/24	2017/07/31

1 - 5 of 37 records

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Airshed Ambient Station List: Create (Coordinator)

If the Coordinator is interested in creating a station, the Coordinator clicks the:

1. “**Create**” button at the top left.

Air Data | Station Maintenance | User Roles

Airshed Ambient Station List

Create | Detail

Area Operator: Lakeland Industry and Community Association

Show 10 records

Station ID	Station Name	Effective Date	Termination Date
<input type="checkbox"/> 1252	St. Lina- passive sample	2009/08/25	
<input type="checkbox"/> 1180	Elk Point Airport- PASSIVE	2012/03/22	
<input type="checkbox"/> 1250	ST. LINA	2009/06/09	
<input type="checkbox"/> 1631	(Portable) Bonnyville -AER site	2016/08/01	2017/07/31
<input type="checkbox"/> 1527	Bonnyville station - AER parking lot	2016/05/24	2017/07/31
<input type="checkbox"/> 1420	Elk Point Airport (Portable)	2012/03/08	2016/05/31
<input type="checkbox"/> 1188	Ardmore	2003/07/01	
<input type="checkbox"/> 1179	Telegraph Creek	2003/07/01	
<input type="checkbox"/> 1182	Dupre	2003/07/01	
<input type="checkbox"/> 1181	Muriel-Kahwin	2003/07/01	

1 - 10 of 37 records

1 2 3 4 Next

Create Station Screen (Coordinator)

This is the “**Create Station**” screen where the Coordinator creates the station by filling in the following fields:

- Station Name,
- Alternate Name,
- Effective Date,
- Termination Date,
- Station Type (i.e. Permanent, Portable, or Mobile),
- Longitude (in decimal),
- Latitude (in decimal),
- Elevation (in meters above sea level).

Note: If the Station Type is “*Mobile*” then the Longitude and Latitude fields will be greyed out and cannot be filled in. However if the station type is “*Permanent*” or “*Portable*” then the Longitude and Latitude fields must be filled in.

The “**Create**” button proceeds creating the station, where the “**Cancel**” button cancel the changes take you back to the previous screen.

Create Station

<p>Station Name <input type="text"/></p> <p>Alternate Name <input type="text"/></p> <p>Effective Date <input type="text"/></p> <p>Termination Date <input type="text"/></p>	<p>Station Type Select a Station Type</p> <p>Longitude (in decimal) <input type="text"/></p> <p>Latitude (in decimal) <input type="text"/></p> <p>Elevation (in meters above sea level) <input type="text"/></p>
---	--

Cancel
Create

Use the dropdown list to search and select the station type to be either ***“Permanent”, “Portable”, or “Mobile”***.

The ***“Cancel”*** button cancels the changes and takes you back to the ***“Airshed Ambient Station List”*** screen.

The Coordinator clicks ***“Create”*** button to proceed creating the station.

Once the data is all filled in and the ***“Create”*** button clicked, the Airshed Station Details is created.

To get back to the previous screen, click the ***“Back to Station List”*** button.

Airshed Station Details

Station ID	1711	Station Type	Permanent
Station Name	Z Test 1	Longitude (in decimal)	-113.56236000
Alternate Name		Latitude (in decimal)	53.21365000
Effective Date	2019/12/01 12:00 AM	Elevation (in meters above sea level)	852.00
Termination Date		Status	Active
Permanently Terminated	<input type="checkbox"/>		

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Note: the Station ID number is automatically generated and the station data that is entered cannot be amended.

Airshed Ambient Station List: Detail

If the Coordinator is interested in getting more information on a particular station, the Coordinator clicks the:

1. Tick box beside the desired Station ID (the entire row will be highlighted in blue) and
2. “**Detail**” button at the top left.

Note: To unselect the station row, click the tick box again.

The screenshot shows the 'Air Data' tab selected in the top navigation bar. Below it, the 'Airshed Ambient Station List' is displayed. The interface includes a 'Create' and 'Detail' button at the top left, and an 'Area Operator' field on the right. A table lists various stations with columns for Station ID, Station Name, Effective Date, and Termination Date. The row for Station ID 1180 is highlighted in blue, and its tick box is checked. A red box labeled '2' points to the 'Detail' button, and a red box labeled '1' points to the tick box for station ID 1180.

Click the “**Detail**” button to get more details on the chosen station.

Click the tick in box beside the desired Station ID. Click the tick box again to deselect.

Airshed Station Details

This is the “**Airshed Station Details**” form where detailed information on a particular station can be derived. The information here cannot be modified.

The information provided include:

- Station ID
- Station Name
- Alternate Name
- Effective Date
- Termination Date
- Station Type
- Longitude (in decimal)
- Latitude (in decimal)
- Elevation (in meters above sea level)

“**Back to Station List**” button takes you back to the previous screen

“**Station-VVC Assignment History**” takes you to the history of VVC assignments at that station

Airshed Station Details

Station ID	1065	Station Type	Permanent
Station Name	Fort McKay-Bertha Ganter	Longitude (in decimal)	-111.64045000
Alternate Name	FTMK	Latitude (in decimal)	57.18945000
Effective Date	1997/12/01 12:00 AM	Elevation (in meters above sea level)	
Termination Date		Status	Active
Permanently Terminated	<input type="checkbox"/>		

Back to Station List
Station-VVC Assignment History

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The Coordinator clicks “**Station-VVC Assignment History**” to see the History of VVCs at that station

The Coordinator clicks “**Back to Station List**” to get back to the “**Airshed Ambient Station List**” screen.

Station-VVC Assignment History Popup

This is the “**Station-VVC Assignment History Details**” pop-up form where detailed VVC history on a particular station can be derived. The information here cannot be modified.

The information provided include:

- VVC Code
- Collection Type
- Parameter
- Unit
- Time Code
- Method
- Station-VVC Assignment Start Date
- Station-VVC Assignment End Date
- VVC Status
- VVC Comments

The screenshot shows a web application interface with a navigation bar containing 'Air Data', 'Station Maintenance', and 'User Roles'. A popup window titled 'Station-VVC Assignment History Details' is open, displaying a table of VVC assignments. The table has columns for Vvc Code, Collection Type, Parameter, Unit, Time Code, Method, Effective Date, Termination Date, Status, and Comments. The table contains 7 records. At the bottom of the popup, there is a pagination control showing '1 - 7 of 7 records' and 'Next' button.

Vvc Code	Collection Type	Parameter	Unit	Time Code	Method	Effective Date	Termination Date	Status	Comments
WC1	Continuous	Total Suspe...	ug/m3	Hourly	Light Scatteri...	1997/12/01	2018/12/31	Inactive	term test
WC1265	Continuous	Ethylene	percent of obs.	Monthly (Cal...	Monthly Oper...	1997/12/01		Active	
WC1303	Continuous	Test Param 1	ppm	Hourly	Chemilumin...	2016/01/01	2018/12/31	Inactive	adding wc to...
WC14	Continuous	Carbon Mon...	ppm	Hourly	Gas Filter Co...	2020/05/01		Active	adding future...
WC20	Continuous	Carbon Diox...	ppm	Hourly	Gas Filter Co...	2020/05/01		Active	adding future...
WC28	Continuous	Sulphur Diox...	ppm	Hourly	UV Pulsed FL...	2020/05/01		Active	adding future...
WC30	Continuous	Hydrogen Su...	ppm	Hourly	UV Pulsed FL...	2020/05/01		Active	adding future...

4. Station Manager Administration (Informational)

Airshed Ambient Station List

The "Airshed Ambient Station List" form has:

1. "Update", "VVC Assignments", and "Detail" buttons, for updating station details, assigning VVCs and viewing detailed data on stations;
2. A list of stations with information on based on the following headers:
 - a) Station ID,
 - b) Station Name,
 - c) Effective Date, and
 - d) Suspension/Termination Date

Click the "Station Maintenance" Option to display this form

Area Operator: Wood Buffalo Environmental Association

Click "Include Terminated Stations" to see stations that are not currently active (suspended, terminated, or future)

Include terminated stations

Update VVC Assignments Detail

Station information needs to be v

Station ID	Station Name	Station Effective Date	Station Suspend/Termination Date	Current Status
1635	Test Station #1	2020/02/01 12:00 AM		Active
1677	WB EA Test	2019/09/01 12:00 AM		Active
1678	TestStationReport	2019/12/19 12:00 AM	2021/01/01 12:00 AM	Active
1686	AAA MArch Test 4	2015/01/01 12:00 AM		Active
1689	AAA March Test 7	2015/01/01 12:00 AM		Active
1693	AAA April test 1	2015/01/01 12:00 AM		Active
1696	AAA April Test 4	2005/01/19 12:00 AM		Active
1698	AAA April test 6	2020/01/01 12:00 AM		Active
1705	ATEST7	2020/01/01 12:00 AM	2021/01/01 12:00 AM	Active
1706				Active

1 - 10 of 10 records

Update, "VVC Assignments", and "Detail" buttons for processing.

Station Detail (Read Only)

If the Station Manager (or any other role) is interested in getting more information on a particular station, or the VVCs that have been assigned to that station, the Station Manager clicks the:

1. Tick box beside the desired Station ID (the entire row will be highlighted in blue) and
2. “**Detail**” button at the top left.

Note: To unselect the station row, click the tick box a second time.

Airshed Ambient Station List

Area Operator: Wood Buffalo Environmental Association

Station information needs to be verified and confirmed by a Station Manager through the update button.

Make sure to click “**Include terminated stations**” if you want to see all stations rather than just the active ones

Station ID	Station Name	Station Effective Date	Station Suspend/Termination Date	Current Status
<input type="checkbox"/> 1635	Test Station #1 modddd	2020/02/01 12:00 AM		Active
<input type="checkbox"/> 1677	WBEA Test	2019/09/01 12:00 AM		Active
<input type="checkbox"/> 1678	TestStationReport	2019/12/19 12:00 AM	2021/01/01 12:00 AM	Active
<input checked="" type="checkbox"/> 1696	AAA MArch Test 4	2015/01/01 12:00 AM		Active
<input type="checkbox"/> 1689	AAA March Test 7	2015/01/01 12:00 AM		Active
<input type="checkbox"/> 1693	AAA April test 1	2015/01/01 12:00 AM		Active
<input type="checkbox"/> 1696	AAA April Test 4	2005/01/19 12:00 AM		Active
<input type="checkbox"/> 1698	AAA April test 6	2020/04/01 12:00 AM		Active
<input type="checkbox"/> 1705	ATEST7	2020/01/01 12:00 AM	2021/01/01 12:00 AM	Active
<input type="checkbox"/> 1706	ATEST8	2016/01/01 12:00 AM		Active

1 - 10 of 13 records

1 Click the tick in the box beside the desired Station ID. Click the tick box again to deselect.

2 Click the “**Detail**” button to get more details on the station

Include terminated stations

This will bring up the details of the station, although it will not show previous effective periods so if a Station Manager needs to see that information, the update screen needs to be used instead.

Airshed Station Details

Station ID	1696	Station Type	Permanent
Station Name	AAA April Test 4	Longitude (in decimal)	-113.00002600
Alternate Name		Latitude (in decimal)	53.06768000
Effective Date	2005/01/19 12:00 AM	Elevation (in meters above sea level)	6.00
Termination Date		Status	Active
Permanently Terminated	<input type="checkbox"/>		

Back to Station List

Station-VVC Assignment History

Station-VVC Assignment History (Read Only)

If the Station Manager needs to see the Station-VVC history (in a read only format) they can also do so from this screen by pressing the “**Station-VVC Assignment History**” button.

Airshed Station Details

Station ID	1696
Station Name	AAA April Test 4
Alternate Name	
Effective Date	2005/01/19 12:00 AM
Termination Date	
Permanently Terminated	<input type="checkbox"/>

Station Type	Permanent
Longitude (in decimal)	-113.00002600
Latitude (in decimal)	53.06768000
Elevation (in meters above sea level)	6.00
Status	Active

Back to Station List
Station-VVC Assignment History

The Station Manager clicks “**Station-VVC Assignment History**” to see all the VVCs assigned to the station throughout its history.

This will bring up a read-only popup window showing the Station-VVC Assignment history:

Air Data Station Maintenance User Roles

Station-VVC Assignment History Details

Show 10 records

Vvc Code	Collection Type	Parameter	Unit	Time Code	Method	Effective Date	Termination Date	Status	Comments
WC1	Continuous	Total Suspe...	ug/m3	Hourly	Light Scatteri...	2016/03/01	2020/04/30	Inactive	add vvc stn ...
WC1300	Passive	EToE Test P...	ETE4	Monthly (Cal...	EToE Test M...	2015/01/06	2019/01/01	Inactive	addign VVC t...
WC14	Continuous	Carbon Mon...	ppm	Hourly	Gas Filter C...	2016/01/01	2020/05/27	Active	reactivating l...
WC2	Continuous	Total Suspe...	ug/m3	Hourly	Beta Attenua...	2016/01/01		Active	adding VVCs
WC20	Continuous	Carbon Diox...	ppm	Hourly	Gas Filter C...	2016/01/01		Active	adding som...
WC28	Continuous	Sulphur Diox...	ppm	Hourly	UV Pulsed FL...	2016/01/01	2016/12/31	Inactive	Terminating ...
WC30	Continuous	Hydrogen Su...	ppm	Hourly	UV Pulsed FL...	2016/01/01	2020/04/30	Inactive	terminating ...
WC34	Continuous	Nitric Oxide	ppm	Hourly	Chemilumin...	2016/01/01		Active	adding som...
WC36	Continuous	Nitrogen Dio...	ppm	Hourly	Chemilumin...	2016/01/01		Active	adding som...
WC38	Continuous	Total Oxides ...	ppm	Hourly	Chemilumin...	2016/01/01	2017/12/31	Inactive	stn mngr vvc ...

1 - 10 of 11 records

Prev 2 Next

To modify any of these, the **Update Station-VVC** function must be used (discussed later in this document).

5. Station Manager Administration (Stations)

Using Station Update

If the Station Manager is interested in updating information on a particular station, the Station Manager clicks the:

1. Tick box beside the station (the entire row will be highlighted in blue) and
2. **“Update”** button at the top left.

Airshed Ambient Station List

Update
Assign VVC
Detail

Area Operator: Lakeland Industry and Community Association

Station ID	Station Name	Effective Date	Termination Date
<input type="checkbox"/> 1176	Therien	2003/07/01	
<input type="checkbox"/> 1180	Elk Point Airport- PASSIVE	2012/03/22	
<input type="checkbox"/> 1183	La Corey	2003/07/01	
<input checked="" type="checkbox"/> 1250	ST. LINA	2009/06/09	

1 - 4 of 6 records

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1 Click the tick in box beside the desired Station ID. Click the tick box again to deselect.

Updating Station

The upper section of this screen is the **“Update Station”** form where Station Manager can amend/update information on the station.

The following fields can be updated:

- Station Name;
- Alternate Name;
- Longitude (in decimal);
- Latitude (in decimal);
- Elevation (in meters above sea level).

The following fields are greyed-out and cannot be updated:

- Station ID;
- Station Type

The following fields are also greyed out in the upper section and now require using the Station History Section and Modifying the Station Effective Period (This is a change from the previous release)

- Effective Date
- Termination Date
- Status
- Permanently Terminated Checkbox

The **“Update”** button confirms the amendment where the **“Back to Station List”** button cancels the changes and takes you back to the previous screen.

Update Station

Please confirm that the station information is correct by clicking the Update button.

Station ID: 1635

Station Name: Test Station #1

Alternate Name: TS#1

Effective Date: 02/01/2020 00:00:00

Termination Date: [Greyed out]

Permanently Terminated: [Greyed out]

Station Type: Permanent

Longitude (in decimal): -111.00005000

Latitude (in decimal): 53.00005000

Elevation (in meters above sea level): 1056.00000000

Status: Active

Buttons: Back to Station List, Update

Station History Table:

Effective Date	Termination Date	Comments
2020/02/01 12:00 AM		

Annotations:

- The **“Back to Station List”** button cancels the changes and takes you back to the **“Airshed Ambient Station List”** screen.
- Greyed-out fields (cannot be modified)
- The Station Manager clicks **“Update”** to confirm the changes.

Update Station (Error)

This is typical error message. In this case, the Longitude field was not filled in resulting in the message “**Longitude is a required field when Station Type is not Mobile**”.

Note: Whenever the Station Type is “*Mobile*”, the Longitude and Latitude fields will be greyed out and cannot be filled in. For “*Permanent*” and “*Portable*” station types, the Longitude and Latitude fields must be filled in or the error will occur. When filling in the Longitude and Latitude data, please ensure the information goes to at least 5 decimal places.

Update Station

Please confirm that the station information is correct by clicking the Update button.

Station ID	1693	Station Type	Permanent
Station Name	AAA April test 1	Longitude (in decimal)	-113.52623
Alternate Name		Latitude (in decimal)	
Effective Date	01/01/2015 00:00:00	Elevation (in meters above sea level)	800
Termination Date		Status	Active
Permanently Terminated	<input type="checkbox"/>		

Back to Station List Update

Clicking the “**Update**” button creates an error where Longitude data must be filled in for “**Permanent**” and “**Portable**” station types.

Update Station (Success)

Once the data is all filled in, the **“Update”** button clicked, and the green bar with the message **“Data has been saved”** appears, it indicates success in updating the station information.

To get back to the previous screen, click the **“Back to Station List”** button.

The screenshot shows the 'Update Station' form with the following fields:

- Station ID: 1693
- Station Name: AAA April test 1
- Alternate Name: (empty)
- Effective Date: 01/01/2015 00:00:00
- Termination Date: (empty)
- Permanently Terminated:
- Station Type: Permanent
- Longitude (in decimal): -113.52623
- Latitude (in decimal): 53.26263
- Elevation (in meters above sea level): 800
- Status: Active

Callouts in the image:

- A green bar at the top contains the message: "Data saved successfully."
- A callout box points to this bar: "The green bar with the message, **“Data has been saved”** indicates success in updating the station information after the **“Update”** button is clicked."
- A callout box points to the "Back to Station List" button: "The **“Back to Station List”** button sends you back to the previous screen"
- A callout box points to the "Update" button: "The **“Update”** button can be used again if there are more changes"

Station Effective Period (Suspend, Terminate, Change, New Period)

Note: This is a changed function in the May 26, 2020 Update.

Using the same screen as used for Station Updates, a Station Manager can change the effective period of a station; suspend or permanently terminate the station and create a new effective period for the station which will allow it to operate over separate periods of time with gaps in between.

Please confirm that the station information is correct by clicking the Update button.

Station ID: 1635
 Station Name: Test Station #1
 Alternate Name: TS#1
 Effective Date: 02/01/2020
 Termination Date:
 Permanently Terminated:

Station Type: Permanent
 Longitude (in decimal): -111.00005000
 Latitude (in decimal): 53.00005000
 Elevation (in meters above sea level): 1056.00000000
 Status: Active

Back to Station List Update

Station History Show 10 records

Effective Date	Termination Date	Comments
02/01/2020 12:00 AM		

Add Station New Effective Period Modify Station Effective Period

To add a new effective period before or after an existing period press the "Add Station New Effective Period" button

To Change a Station Effective period, suspend it or terminate it Select the period in the Station History List and press the "Modify Station Effective Period" Button

Station: Suspend, Terminate or Modify Period

If suspending or permanently terminating a station or changing the start and end dates of an effective period, first select the period from the Station History portion of the screen shown above and press the “Modify Station Effective Period” button.

The following form will popup:

The screenshot shows a form titled "Modify Station Effective Period" with the following fields and callouts:

- Station Id:** 1693
- Station Name:** AAA April test 1
- Effective Date:** 2015/01/01 12:00 AM. Callout: "If changing when an effective period started use the menu to select a new date in the 'Effective Date' field."
- Termination Date:** (empty). Callout: "If suspending or permanently terminating a station use the menu to select a date in the 'Termination Date' field." and "If changing the Termination Date, use the menu to choose a new date."
- Permanently Terminated:** . Callout: "ONLY IF permanently terminating a station, check the 'Permanently Terminated' checkbox"
- Comments:** (empty text area). Callout: "Comments explaining the actions taken are required."
- Buttons:** "Cancel" and "Save". Callout: "Press 'Save' to complete the changes or 'Cancel' to discard the changes."

Note: Be absolutely certain when permanently terminating a station as this action will prevent future changes to the station.

Note: Effective periods cannot overlap and the system will prevent changes that would result in this and return an error instead.

Station: Add Station New Effective Period

If adding a new Station Period, press the “Add Station New Effective Period” button shown above.

The following form will popup:

The screenshot shows a form titled "Add Station New Effective Period" with the following fields and callouts:

- Station Id:** 1693
- Station Name:** AAA April test 1
- Effective Date:** A date input field with a calendar icon. Callout: "When adding a new Effective Period the Effective Date is required."
- Termination Date:** A date input field with a calendar icon. Callout: "When adding a new Effective Period a Termination Date is optional but periods may not overlap."
- Comments:** A text area. Callout: "Comments explaining the actions taken are required."
- Buttons:** "Cancel" and "Save". Callout: "Press 'Save' to complete the changes or 'Cancel' to discard the changes."

Note: Effective periods cannot overlap and the system will prevent changes that would result in this and return an error instead.

Example: Station with Multiple Effective Periods

The following is an example of a station that has multiple effective periods. The current or most recent period is always shown in the **Update Station** section of the page. It is possible to setup a station in the future if applicable.

Update Station

Please confirm that the station information is correct by clicking the Update button.

<table style="width: 100%; border-collapse: collapse;"> <tr><td style="padding: 2px 5px;">Station ID</td><td style="border: 1px solid #ccc; padding: 2px;">1698</td></tr> <tr><td style="padding: 2px 5px;">Station Name</td><td style="border: 1px solid #ccc; padding: 2px;">AAA April test 6</td></tr> <tr><td style="padding: 2px 5px;">Alternate Name</td><td style="border: 1px solid #ccc; padding: 2px;"></td></tr> <tr><td style="padding: 2px 5px;">Effective Date</td><td style="border: 1px solid #ccc; padding: 2px;"> <div style="display: flex; align-items: center;"> 📅 04/01/2020 00:00:00 </div> </td></tr> <tr><td style="padding: 2px 5px;">Termination Date</td><td style="border: 1px solid #ccc; padding: 2px;"> <div style="display: flex; align-items: center;"> 📅 </div> </td></tr> <tr><td style="padding: 2px 5px;">Permanently Terminated</td><td style="padding: 2px;"><input type="checkbox"/></td></tr> </table>	Station ID	1698	Station Name	AAA April test 6	Alternate Name		Effective Date	<div style="display: flex; align-items: center;"> 📅 04/01/2020 00:00:00 </div>	Termination Date	<div style="display: flex; align-items: center;"> 📅 </div>	Permanently Terminated	<input type="checkbox"/>	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="padding: 2px 5px;">Station Type</td><td style="border: 1px solid #ccc; padding: 2px;">Permanent ▼</td></tr> <tr><td style="padding: 2px 5px;">Longitude (in decimal)</td><td style="border: 1px solid #ccc; padding: 2px;">5.32323000</td></tr> <tr><td style="padding: 2px 5px;">Latitude (in decimal)</td><td style="border: 1px solid #ccc; padding: 2px;">5.23211000</td></tr> <tr><td style="padding: 2px 5px;">Elevation (in meters above sea level)</td><td style="border: 1px solid #ccc; padding: 2px;">4.00000000</td></tr> <tr><td style="padding: 2px 5px;">Status</td><td style="padding: 2px;">Active</td></tr> </table>	Station Type	Permanent ▼	Longitude (in decimal)	5.32323000	Latitude (in decimal)	5.23211000	Elevation (in meters above sea level)	4.00000000	Status	Active
Station ID	1698																						
Station Name	AAA April test 6																						
Alternate Name																							
Effective Date	<div style="display: flex; align-items: center;"> 📅 04/01/2020 00:00:00 </div>																						
Termination Date	<div style="display: flex; align-items: center;"> 📅 </div>																						
Permanently Terminated	<input type="checkbox"/>																						
Station Type	Permanent ▼																						
Longitude (in decimal)	5.32323000																						
Latitude (in decimal)	5.23211000																						
Elevation (in meters above sea level)	4.00000000																						
Status	Active																						

Back to Station List
Update

Show 10 records

Effective Date	Termination Date	Comments
▼ On... ▼	▼ On... ▼	▼ Contains... ▼
2020/04/01 12:00 AM		de-suspending
2016/01/01 12:00 AM	2020/02/29 11:59 PM	suspending
2015/01/01 12:00 AM	2015/07/31 11:59 PM	adding earlier effective period

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Add Station New Effective Period
Modify Station Effective Period

6. Station Manager Administration (VVC Assignments)

Airshed Ambient Station List: VVC Assignments

If the Station Manager is interested in assigning VVCs to a particular station, the Station Manager, clicks the:

1. Tick box beside the station (the entire row will be highlighted in blue) and
2. “**Assign VVC**” button at the top left.

Note: Only one station at a time can be assigned VVCs.

To unselect the station row, click the tick box a second time.

Airshed Ambient Station List

Update **VVC Assignments** Detail

Area Operator: Wood Buffalo Environmental Association

Station information needs to be verified and

If you wish to work with stations that are not currently active, click on the “*Include terminated stations*” button

Show 10 records

Station ID	Station Name	Station Effective Date	Station Suspend/Termination Date	Current Status
<input type="checkbox"/> 1693	AAA April test 1	2015/01/01 12:00 AM		Active
<input checked="" type="checkbox"/> 696	AAA April Test 4	2005/01/19 12:00 AM		Active
<input type="checkbox"/> 1698	AAA April test 6	2020/04/01 12:00 AM		Active
<input type="checkbox"/> 1686	AAA MArch Test 4	2015/01/01 12:00 AM		Active
<input type="checkbox"/> 1689	AAA March Test 4	2015/01/01 12:00 AM		Active
<input type="checkbox"/> 1709	AAA May Test 4	2015/01/01 12:00 AM		Active
<input type="checkbox"/> 1705	ATEST7			Active
<input type="checkbox"/> 1706	ATEST8			Active
<input type="checkbox"/> 1707	ATEST9			Active
<input type="checkbox"/> 1635	Test Station #1 moddd	2020/02/01 12:00 AM		Active

1 - 10 of 13 records

1 Click the tick in the box beside the desired Station ID. Click the tick box again to deselect.

2 Click the “VVC Assignments” button to assign VVCs to the selected station

Note: Only one station at a time can be assigned VVCs

Include terminated stations

Airshed Ambient Station: Current Station-VVC Assignment Screen

This is the “**Station VVC Assignment**” form for a particular Station ID having information on the:

1. Station ID;

2. Name of the Station;
3. Station Effective Date;
4. Station Termination Date;
5. A list of Currently active Station-VVCs with detailed information based on the following headers:
 - A. VVC Code;
 - B. Collection Type;
 - C. Parameter;
 - D. Unit;
 - E. Time Code;
 - F. Method;
 - G. VVC Effective Date;
 - H. VVC Termination Date.

The “**Assign**” button assigns VVCs to the selected station and the “**Back to Station List**” button takes you to the previous screen.

Current Station-VVC Assignment

If a combination of Parameter, Unit, Collection Type, Method, and Time Code is not showing up on this list, please contact AMDFeedback@gov.ab.ca to have the new VVC created.

Station ID	1696	Station Type	Permanent
Station Name	AAA April Test 4	Longitude (in decimal)	-113.00002600
Station Effective Date	2005/01/19 12:00 AM	Latitude (in decimal)	53.06768000
Station Termination Date		Elevation (in meters above sea level)	6.00
Permanently Terminated	<input type="checkbox"/>	Station Status	Active

A	B	C	D	E	F	G	H	
Vvc Code	Collection Type	Parameter	Unit	Time Code	Method	Station-VVC Assignment Start Date	Station-VVC Assignment End Date	Status
WC14	Continuous	Carbon Monoxide	ppm	Hourly	Gas Filter Co...	2016/01/01 12:00 AM	2016/01/01 12:00 AM	Active
WC20	Continuous	Carbon Dioxide	ppm	Hourly	Gas Filter Co...	2016/01/01 12:00 AM	2016/01/01 12:00 AM	Active
WC28	Continuous	Sulphur Dioxide	ppm	Hourly	UV Pulsed Fl...	2016/01/01 12:00 AM	2016/01/01 12:00 AM	Active
WC34	Continuous	Allyl Oxide	ppm	Hourly	Chemilumines...	2016/01/01 12:00 AM	2016/01/01 12:00 AM	Active
WC36	Continuous	Hydrogen Sulfide	ppm	Hourly	Chemilumines...	2016/01/01 12:00 AM	2016/01/01 12:00 AM	Active

1 - 5 of 5 records

Buttons: **Back to Station List**, **Station-VVC Assignment History**, **Terminate Station-VVC Assignment**, **Add new Station-VVC Assignment**

Tip: Use the search bar to help you search through the VVCs.

5 This button takes you to the previous screen

This button lets you see and modify VVCs that have been previously assigned

This button lets you terminate Station-VVCs after selecting them

This button assigns VVCs to the selected station

Assigning New Station-VVCs

After pressing the **“Add new Station-VVC Assignment”** button in the Current Station-VVC Assignment Screen the user will be presented with the screen below.

To assign new VVC(s), the Station Manager:

1. Checks the tick box beside the desired **VVC code(s)**;
2. Enters a **Station-VVC Assignment Start Date** (which can include a time);
3. Optionally Enters a **Station-VVC Assignment End Date** (which can include a time);
4. Comments are required explaining the action taken;
5. Clicks The **“Save”** button.

Note: To unselect the VVC row, click the tick box again.

1
Click the tick in the box beside the desired VVC Code(s).
Note: Click the tick box again to deselect.

2
Station-VVC Assignment Start Date

3
Station-VVC Assignment End Date

4
Comments

<input type="checkbox"/>	Vvc Code	Collection Type	Parameter	Unit	Time Code	Method	VVC Master Effective Date	VVC Master Retirement Date	Status
<input checked="" type="checkbox"/>	WC1	Continuous	Total Suspended ...	ug/m3	Hourly	Light Scattering ...	2015/01/01 12:00 AM		Active
<input type="checkbox"/>	WC2	Continuous	Total Suspended ...	ug/m3	Hourly	Beta Attenuation ...	2015/01/01 12:00 AM		Active
<input checked="" type="checkbox"/>	WC3	Continuous	Total Suspended ...	ug/m3	Hourly	Beta Attenuation ...	2015/01/01 12:00 AM		Active
<input type="checkbox"/>	WC4	Continuous	Total Suspended ...	ug/m3	Hourly	Beta Attenuation ...	2015/01/01 12:00 AM		Active
<input checked="" type="checkbox"/>	WC5	Continuous	Total Suspended ...	ug/m3	Hourly	Direct Mass Mea...	2015/01/01 12:00 AM		Active

5
Click the **“Save”** button to assign VVCs to the selected station

Assigning New Station-VVCs: Success

Once the **“Save”** button is clicked, the green message bar displays **“Data saved successfully”**, which indicates success in assigning VVCs to the station. Additional VVCs can be assigned by checking them off and clicking **“Save”** again. Click **“Back”** to go to the previous screen (Current Station-VVC Assignment for the station you are working with).

The **“Back”** button takes you to the previous screen (Current Station-VVC Assignment)

The green bar with the message, **“Data saved successfully”** indicates success in assigning VVC(s) after the **“Save”** button is clicked.

Vvc Code	Collection Type	Parameter	Unit	Time Code	Method	VVC Master Effective Date	VVC Master Retirement Date	Status
<input type="checkbox"/> WC1	Continuous	Total Suspended ...	ugm3	Hourly	Light Scattering ...	2015/01/01 12:00 AM		Active
<input type="checkbox"/> WC3	Continuous	Total Suspended ...	ugm3	Hourly	Beta Attenuation ...	2015/01/01 12:00 AM		Active
<input type="checkbox"/> WC4	Continuous	Total Suspended ...	ugm3	Hourly	Beta Attenuation ...	2015/01/01 12:00 AM		Active
<input type="checkbox"/> WC5	Continuous	Total Suspended ...	ugm3	Hourly	Direct Mass Mea...	2015/01/01 12:00 AM		Active
<input type="checkbox"/> WC6	Continuous	Total Suspended ...	ugm3	Hourly	Direct Mass Mea...	2015/01/01 12:00 AM		Active

Terminating Currently Active Station-VVCs

Terminating currently active Station-VVCs begins from the **Current Station-VVC Assignment** Screen.

To terminate currently active Station-VVCs the Station Manager:

1. Clicks the checkboxes for the VVCs they wish to terminate.
2. Clicks the **“Terminate Station-VVC Assignment”** button.

1
Check the Station-VVCs that you wish to terminate

2
Click the “Terminate Station-VVC Assignment” button

Current Station-VVC Assignment

If a combination of Parameter, Unit, Collection Type, Method, and Time Code is not showing up on this list, please contact AMDFeedback@gov.ab.ca to have the new VVC created.

Station ID	1696	Station Type	Permanent
Station Name	AAA April Test 4	Longitude (in decimal)	-113.00002600
Station Effective Date	2005/01/19 12:00 AM	Latitude (in decimal)	53.06768000
Station Termination Date		Elevation (in meters above sea level)	6.00
Permanently Terminated	<input type="checkbox"/>	Station Status	Active

<input type="checkbox"/>	Vvc Code	Collection Type	Parameter	Unit	Time Code	Method	Station-VVC Assignment Start Date	Station-VVC Assignment End Date	Status	Comments
<input type="checkbox"/>	WC2	Continuous	Total Suspend...	ugm3	Hourly	Beta Attenuatio...	2016/01/12 00 AM		Active	adding some a...
<input checked="" type="checkbox"/>	WC14	Continuous	Carbon Monoxi...	ppm	Hourly	Gas Filter Corr...	2016/01/12 00 AM		Active	adding some a...
<input type="checkbox"/>	WC20	Continuous	Carbon Dioxide	ppm	Hourly	Gas Filter Corr...	2016/01/12 00 AM		Active	adding some a...
<input checked="" type="checkbox"/>	WC28	Continuous	Sulphur Dioxide	ppm	Hourly	UV Pulsed Flu...	2016/01/12 00 AM		Active	adding some a...
<input type="checkbox"/>	WC34	Continuous	Nitric Oxide	ppm	Hourly	Chemilumines...	2016/01/01 12:00 AM		Active	adding some a...

1 - 5 of 7 records

[Back to Station List](#)
[Station-VVC Assignment History](#)
[Terminate Station-VVC Assignment](#)
[Add new Station-VVC Assignment](#)

A new screen will open; **Station-VVC Termination** and the Station Manager will:

1. Choose a Station-VVC Assignment End Date (and time if needed);
2. Enter a Comment explaining the action taken;
3. Press the "Terminate" button.

The screenshot shows the 'Station-VVC Termination' form. It includes fields for Station Id (1696), Station Name (AAA April Test 4), and Station-VVC Assignment End Date (12/31/2016 11:59 PM). A comments field contains the text: 'Terminating CO and SO2 Dec 31 2016; instruments were removed.' Below the form is a table with 2 records. At the bottom right, there is a 'Terminate' button.

Vvc Code	Collection Type	Parameter	Unit	Time Code	Method	Station-VVC Start Date	Station-VVC End Date	Status	Comments
WC14	Continuous	Carbon Monoxide	ppm	Hourly	Gas Filter Corr...	2016/01/01 12:00 AM		Active	adding some a...
WC28	Continuous	Sulphur Dioxide	ppm	Hourly	UV Pulsed Flu...	2016/01/01 12:00 AM		Active	adding some a...

Terminating Currently Active Station-VVCs: Success

Once the **“Terminate”** button is clicked, the green message bar displays the **“Changes saved successfully.”** indicates success in terminating the Station-VVCs. Nothing more can be done on this screen so hit the **“Back”** button to return to the previous screen.

Changes saved successfully. ✕

Station-VVC Termination

Station Id: 1696

Station Name: AAA April Test 4

Station-VVC Assignment End Date:

Comments:

Show 10 records										
Vvc Code	Collection Type	Parameter	Unit	Time Code	Method	Station-VVC Start Date	Station-VVC End Date	Status	Comments	
WC14	Continuous	Carbon Monoxide	ppm	Hourly	Gas Filter Corr...	2016/01/01 12:00 AM	2016/12/31 11:59 PM	Inactive	Terminating C...	
WC28	Continuous	Sulphur Dioxide	ppm	Hourly	UV Pulsed Flu...	2016/01/01 12:00 AM	2016/12/31 11:59 PM	Inactive	Terminating C...	

1 - 2 of 2 records

Station-VVC History

To see the entire History of VVCs assigned to a station throughout its existence and to modify those assignments the Station-VVC History can be used.

From the **Current Station-VVC Assignment** screen for the station you want to look at press the **“Station-VVC Assignment History”** button.

Current Station-VVC Assignment

If a combination of Parameter, Unit, Collection Type, Method, and Time Code is not showing up on this list, please contact AMDFeedback@gov.ab.ca to have the new VVC created.

<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 30%;">Station ID</td><td>1696</td></tr> <tr><td>Station Name</td><td>AAA April Test 4</td></tr> <tr><td>Station Effective Date</td><td>2005/01/19 12:00 AM</td></tr> <tr><td>Station Termination Date</td><td></td></tr> <tr><td>Permanently Terminated</td><td><input type="checkbox"/></td></tr> </table>	Station ID	1696	Station Name	AAA April Test 4	Station Effective Date	2005/01/19 12:00 AM	Station Termination Date		Permanently Terminated	<input type="checkbox"/>	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 30%;">Station Type</td><td>Permanent</td></tr> <tr><td>Longitude (in decimal)</td><td>-113.00002600</td></tr> <tr><td>Latitude (in decimal)</td><td>53.06768000</td></tr> <tr><td>Elevation (in meters above sea level)</td><td>6.00</td></tr> <tr><td>Station Status</td><td>Active</td></tr> </table>	Station Type	Permanent	Longitude (in decimal)	-113.00002600	Latitude (in decimal)	53.06768000	Elevation (in meters above sea level)	6.00	Station Status	Active
Station ID	1696																				
Station Name	AAA April Test 4																				
Station Effective Date	2005/01/19 12:00 AM																				
Station Termination Date																					
Permanently Terminated	<input type="checkbox"/>																				
Station Type	Permanent																				
Longitude (in decimal)	-113.00002600																				
Latitude (in decimal)	53.06768000																				
Elevation (in meters above sea level)	6.00																				
Station Status	Active																				

Show 5 records

<input type="checkbox"/>	Vvc Code	Collection Type	Parameter	Unit	Time Code	Method	Station-VVC Assignment Start Date	Station-VVC Assignment End Date	Status	Comments
<input type="checkbox"/>	WC2	Continuous	Total Suspens...	ug/m3	Hourly	Beta Attenuatio...	2016/01/01 12:00 AM		Active	adding VVCs
<input checked="" type="checkbox"/>	WC14	Continuous	Carbon Monoxid...	ppm	Hourly	Gas filter Corr...	2016/01/01 12:00 AM		Active	adding some a...
<input type="checkbox"/>	WC20	Continuous	Carbon Dioxide	ppm	Hourly	Gas filter Corr...	2016/01/01 12:00 AM		Active	adding some a...
<input checked="" type="checkbox"/>	WC28	Continuous	Sulfur Dioxide	ppm	Hourly	UV Pulsed Flu...	2016/01/01 12:00 AM		Active	adding some a...
<input type="checkbox"/>	WC34	Continuous	Nitric Oxide	ppm	Hourly	Chemilumines...	2016/01/01 12:00 AM		Active	adding some a...

1 - 5 of 7 records

Back to Station List
Station-VVC Assignment History

Terminate Station-VVC Assignment
Add new Station-VVC Assignment

Doing so will load a new screen showing all Station-VVC assignments for the history of that station.

Station-VVC Assignment History Details

If a combination of Parameter, Unit, Collection Type, Method, and Time Code is not showing up on this list, please contact AMDFeedback@gov.ab.ca to have the new VVC created.

Station ID: 1696

Station Name: AAA April Test 4

Station Effective Date: 2005/01/19 12:00 AM

Station Termination Date:

Permanently Terminated:

Station Type: Permanent

Longitude (in decimal): -113.00002600

Latitude (in decimal): 53.06768000

Elevation (in meters above sea level): 6.00

Station Status: Active

Show 5 records

Wvc Code	Collection Type	Parameter	Unit	Time Code	Method	Effective Date	Termination Date	Status	Comments
▼ Contains...	▼ Contains...	▼ Contains...	▼ Contains...	▼ Contains...	▼ Contains...	▼ On...	▼ On...	▼ Contains...	▼ Contains...
WC1	Continuous	Total Suspend...	ug/m3	Hourly	Light Scatterin...	2016/03/01 12:00 AM	2020/04/30 11:59 PM	Inactive	add wvc stn mngr
WC1300	Passive	EToE Test Para...	ETE4	Monthly (Calen...	EToE Test Meth 4	2015/01/06 12:00 AM	2019/01/01 12:00 AM	Inactive	addign WVC tha...
WC14	Continuous	Carbon Monoxide	ppm	Hourly	Gas Filter Corr...	2016/01/01 12:00 AM	2016/12/31 11:59 PM	Inactive	Terminating C...
WC2	Continuous	Total Suspend...	ug/m3	Hourly	Beta Attenuatio...	2016/01/01 12:00 AM		Active	adding WVCs
WC20	Continuous	Carbon Dioxide	ppm	Hourly	Gas Filter Corr...	2016/01/01 12:00 AM		Active	adding some a...

← ← Prev 2 3 Next → →

Back

Update

This can be used for informational purposes or to edit the effective periods for the Station-VVC Assignments.

Updating Existing (and Previous) Station-VVC Assignments

This functionality can be used to change existing Station-VVC assignments.

They can be:

1. Expanded by changing the start or end dates;
2. Shrunk by changing the start or end dates;
3. Terminated by adding an end date to a Station-VVC that was previously active;
4. Un-terminated by removing an end date, or by extending an end date beyond the present day.

From the **Station-VVC Assignment History** screen the Station Manager can edit a previously (or currently) assigned Station-VVC by:

1. Selecting the Station-VVC they wish to edit by clicking the row to the left of the VVC Code.
2. Clicking the **“Update”** button.

Station-VVC Assignment History Details

If a combination of Parameter, Unit, Collection Type, Method, and Time Code is not showing up on this list, please contact AMDFeedback@gov.ab.ca to have the new VVC created.

Station ID	1696	Station Type	Permanent
Station Name	AAA April Test 4	Longitude (in decimal)	-113.00002600
Station Effective Date	2005/01/19 12:00 AM	Latitude (in decimal)	53.06768000
Station Termination Date		Elevation (in meters above sea level)	6.00
Permanently Terminated	<input type="checkbox"/>	Station Status	Active

Vvc Code	Collection Type	Parameter	Unit	Time Code	Method	Effective Date	Termination Date	Status	Comments
▼ Contains	▼ Contains	▼ Contains	▼ Contains	▼ Contains	▼ Contains	▼ On	▼ On	▼ Contains	▼ Contains
WC1	Continuous	Total Suspend...	ugm3	Hourly	Light Scatterin...	2016/03/01 12:00 AM	2020/04/30 11:59 PM	Inactive	add wc stn mngr
WC1300	Passive	EToE Test Para...	ETE4	Monthly (Calen...	EToE Test Meth 4	2015/01/06 12:00 AM	2019/01/01 12:00 AM	Inactive	addign VVC tha...
▶ WC14	Continuous	Carbon Monoxide	ppm	Hourly	Gas Filter Corr...	2016/01/01 12:00 AM	2016/12/31 11:59 PM	Inactive	Terminating C...
WC2	Continuous	Total Suspend...	ugm3	Hourly	Beta Attenuatio...	2016/01/01 12:00 AM		Active	adding VVCs
WC20	Continuous	Carbon Dioxide	ppm	Hourly	Gas Filter Corr...	2016/01/01 12:00 AM		Active	adding some a...

Back 2 3 Next ▶ ->

Click the **“Update”** button

A form will pop up where the Station Manager will:

1. Enter a new Start Date for the Station-VVC assignment if needed;
2. Enter a new End Date for the Station-VVC assignment if needed;
3. Enter a comment explaining the actions taken;
4. Click the **“Save”** button.

The screenshot shows a web application interface for managing VVC assignments. A modal window titled 'Update - VVC Assignment Effective Period' is open over a table of VVC assignments. The modal contains the following fields:

- VVC Code: VVC14
- Station-VVC Assignment Start Date: 2016/01/01 12:00 AM
- Station-VVC Assignment End Date: 2016/12/31 11:59 PM
- Comments: (empty text area)
- Buttons: Cancel and Save

Four numbered callouts are present:

1. Enter an new Start Date if needed
2. Enter an new End Date if needed
3. Enter explanation
4. Click the **“Save”** button.

The background table shows the following data:

Vvc Code	Collection Type	Parameter	Unit	Time Code	Method	Effective Date	Termination Date	Status	Comments
WC1	Continuous	Total Suspend...	ug/m3	Hourly	Light Scatterin...	2016/01/01 12:00 AM	2020/04/30 11:59 PM	Inactive	add wc str mngr
WC1300	Passive	EToE Test Para...	ETE4	Monthly (Calen...	EToE Test Meth 4	2015/01/06 12:00 AM	2019/01/01 12:00 AM	Inactive	addign VVC tha...
WC14	Continuous	Carbon Monoxi...	ppm	Hourly	Gas Filter Corr...	2016/01/01 12:00 AM	2016/12/31 11:59 PM	Inactive	Terminating C...
WC2	Continuous	Total Suspend...	ug/m3	Hourly	Beta Attenuatio...	2016/01/01 12:00 AM		Active	adding VVCs
WC20	Continuous	Carbon Dioxide	ppm	Hourly	Gas Filter Corr...	2016/01/01 12:00 AM		Active	adding some a...

Note: The system will return an error if an attempt is made to make changes to Station-VVC assignments that would cause overlap of assignment periods for the same VVC at the same station.

Updating Station-VVC Assignments: Success

If a Station-VVC assignment is successfully executed, a screen will be displayed showing that **“Changes saved successfully”**.

Changes saved successfully ✕

Station-VVC Assignment History Details

If a combination of Parameter, Unit, Collection Type, Method, and Time Code is not showing up on this list, please contact AMDFeedback@gov.ab.ca to have the new VVC created.

Station ID: 1696

Station Name: AAA April Test 4

Station Effective Date: 2005/01/19 12:00 AM

Station Termination Date:

Permanently Terminated:

Station Type: Permanent

Longitude (in decimal): -113.00002600

Latitude (in decimal): 53.06768000

Elevation (in meters above sea level): 6.00

Station Status: Active

Show 10 records

Vvc Code	Collection Type	Parameter	Unit	Time Code	Method	Effective Date	Termina...	Status	Comments
▼ Contains...	▼ Contains...	▼ Contains...	▼ Contains...	▼ Contains...	▼ Contains...	▼ On...	▼ On...	▼ Contains...	▼ Contains...
WC14	Continuous	Carbon Monoxide	ppm	Hourly	Gas Filter Corr...	2016/01/01 12:00 AM	2020/05/27 11:59 PM	Active	reactivating Te...
WC1	Continuous	Total Suspens...	ug/m3	Hourly	Light Scatterin...	2016/03/01 12:00 AM	2020/04/30 11:59 PM	Inactive	add vvc stn mngr
WC30	Continuous	Hydrogen Sulp...	ppm	Hourly	UV Pulsed Flu...	2016/01/01 12:00 AM	2020/04/30 11:59 PM	Inactive	terminating h2...

7. Revision History

Version	Date	Author(s)	Revision Notes
1.0	Nov-15-2019	Air Policy Section	Initial document
2.0	May-22-2020	Air Policy Section	Format change of the manual Update to reflect VVC Temporality and Station Temporality modifications