

Provincial Stream Crossing Inventory System (PSCIS) User Guide

July, 2011

+ Document History

1.0	2010-11-08	Matt Brandwood – ENV	Original
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Overview

In short, the PSCIS data submission process works as follows:

- User sets up their 'PSCIS work area'...[link](#)
 - User saves a copy of the excel data capture template into the root of their 'PSCIS work area'
 - User sets up a 'sub folder' within work area to support an assessment, remediation or design submission
 - Users adds supporting data (i.e. photos, report, overview maps) into the respective 'sub folder'.
- Whether it be an assessment, remediation or design proposal, the process is largely the same
- [Data is entered into the spreadsheet template](#)

There is an excel template for each of assessment, remediation or design proposals. This guide outlines submission of an assessment project, but the process is essentially the same for each project type. The exception is that for design proposals or remediations, a submitter will need to supply the PSCIS_Crossing_ID for each record entered.

NOTE: Multiple assessments, remediations or design proposals can go on their respective templates but submission types cannot be mixed i.e. the assessment template cannot be used to submit details of remediations.
- Data is uploaded into the PSCIS system by completing the [Generate Submission] process, including:
 - [Submission validation and completion](#)
 - [Uploading spreadsheet data \(XML\)](#)
 - [Uploading supporting data \(typically photos\)](#)

Warning

It should be noted that the excel spreadsheet contains various **macros and code** that rely on the spreadsheet being setup in a certain way. Macros must be turned on in order for the built-in data validation to work. It is recognised that despite best efforts, spreadsheets can be manipulated in a number of ways such as renaming and reordering and even inserting fields amongst other things. We would request that you not tamper with the spreadsheet at a structural level and not seek to 'customize' it in any way and simply use it for data entry / submission purposes in the manner described below.

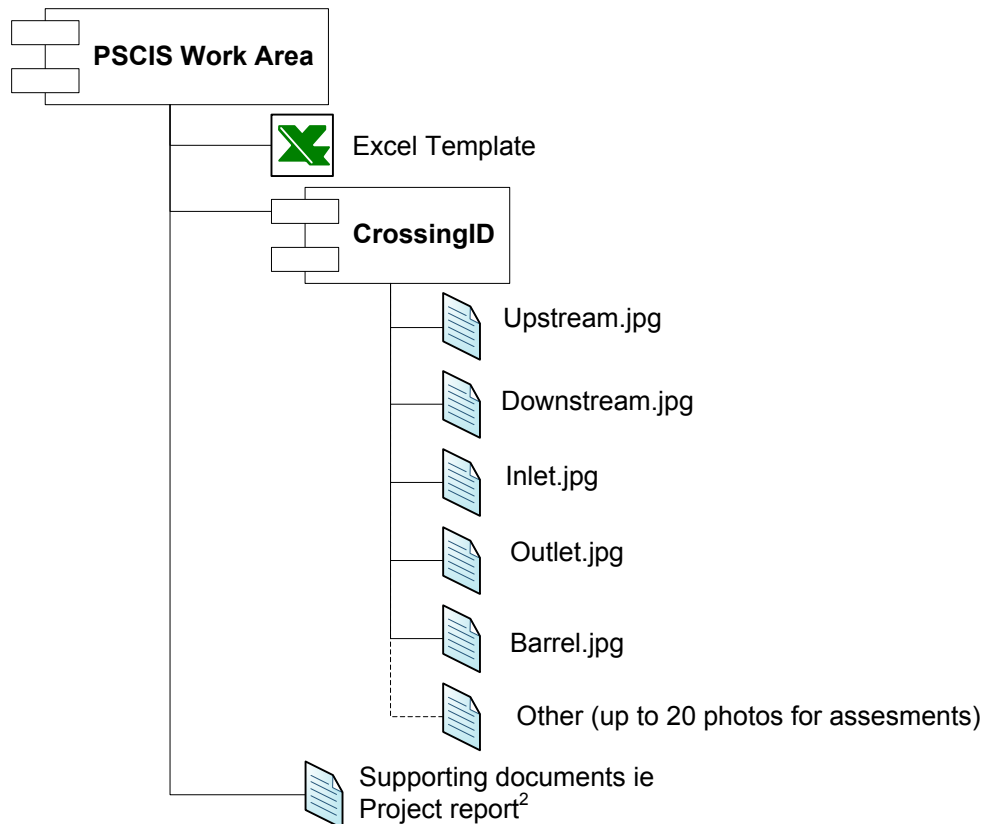
Users may make multiple submissions using multiple spreadsheets – all of the data for a project does not have to be entered at once. In fact, if your project contains more than 200 records, you should break it up into more manageable chunks so as not to overload the system. The database will be able to summarize all of the data for a given Project ID.

Setting up your PSCIS work area

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Your PSCIS work area can be anywhere on your PC. Avoid using a networked drive - zipping files can be sluggish over a network.

The work area should contain files and folders in a specific way and to meet specific naming standards in order to pass 'validation', specifically:



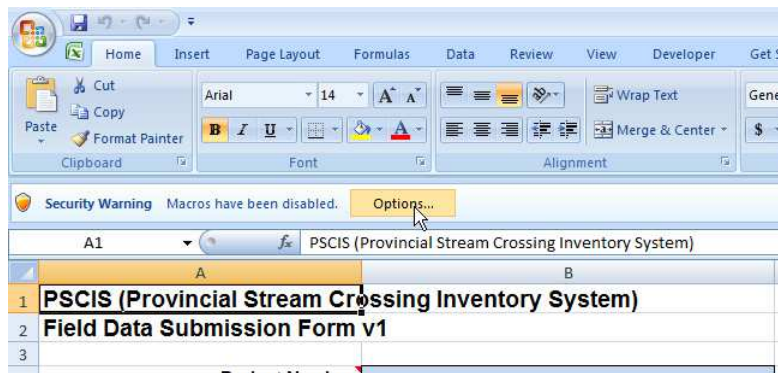
¹ Each Work area and the excel template can facilitate the submission of multiple 'assessments', 'redmediations' or 'designs'. Each would require it's own assesment folder
NOTE: submission types cannot be mixed ie an excel template cannot be used to submit 'assessments' AND 'remediations'

² Project report is:
-optional for 'Assesments'
-mandatory for 'Designs' and 'Remediations'

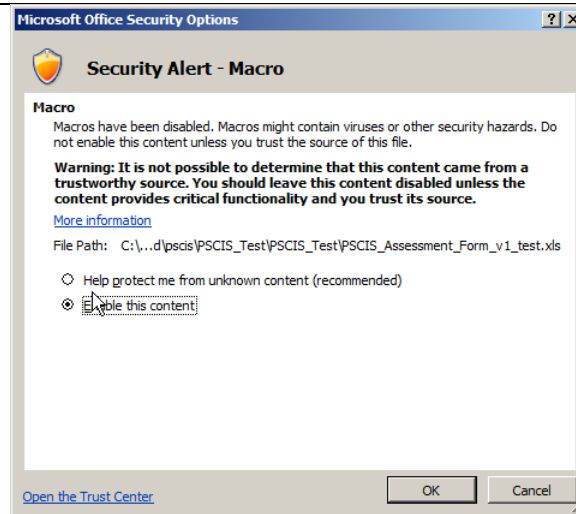
Entering Raw Data

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1. Open the Excel template that you've copied into your PSCIS working directory



If prompted, be sure to **ENABLE MACROS** by clicking [Options]



2. Select [Enable Content]

Click [OK]

3. Complete the [Cover Page]

4. Open the [PSCIS Assessment Worksheet]

For each assessment, enter the data in a separate row.

Do not skip any rows. Any data entered below a skipped row will not be validated or submitted.

Preparing Support Data (typically photos)

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5. Once completed, the spreadsheet should contain a number of rows, each representing the assessment of a different stream crossing.

As described previously, each row / assessment / stream crossing should have a corresponding sub folder within the PSCIS working folder- with precisely the same name as the matching [My Crossing Reference] field.

This sub folder should contain mandatory as well as any additional supporting data for the given row / assessment – typically photos.

This can be seen in the example below where:

- An assessment of [Crossing 3] has been carried out
- The location of the PSCIS working Directory can be seen – [c:\users\matbrand\PSCSWorkingDir]
- The PSCIS working directory contains sub folders that contain supporting data for each of the assessments documented in the excel file – in this case for Crossing 1, Crossing 2, Crossing 3 and Crossing 4.
- In the example below, the [Crossing 3] sub folder has been opened to show that it contains the minimum 5 photos – [Barrel], [Downstream], [Inlet], [Outlet],[Upstream].

PSCIS_Assessment Form_97.xls [Compatibility Mode] - Microsoft Excel

Home Insert Page Layout Formulas Data Review View Developer Get Started Acrobat

Paste Cut Copy Format Painter Clipboard Font Alignment Number Conditional Formatting

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1 The excel file with which you are working

2 Validate Assessment Generate Submission Clear PSCIS Assessment Worksheet

3 Location and Overview Information

Date of Assessment	PSCIS Crossing ID	My Crossing Reference	Crew Members	UTM Zone	Easting	Northing	Stream Name	Road Name
2011-01-01		Crossing 1	Boh				7862 Rhbs Sream	Rhbs Road
2011-01-01		Crossing 2	Bo					
2011-01-01		Crossing 3	Bo					
2011-01-01		Crossing 4	Bo					

Stream Crossing

PSCIS Working Folder

Corresponding Sub-Folder in PSCIS working folder

Mandatory photos (for an assessment) within folder, named appropriately

PSCIS_Assessment Form_97.xls

Crossing 4

Crossing 3

Crossing 2

Crossing 1

Crossing 3

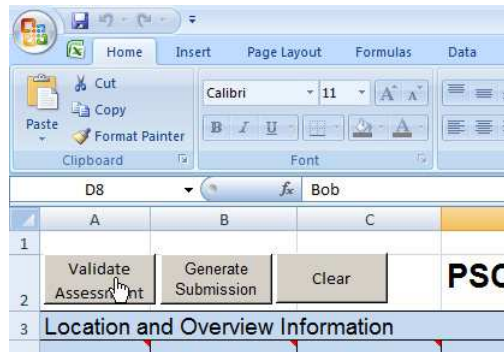
Name	Date taken	Tags	Size	Rating
Barrel.JPG	2008-12-18 10:4...		412 KB	☆☆☆☆☆
Downstream.JPG	2008-12-18 10:3...		353 KB	☆☆☆☆☆
Inlet.JPG	2008-12-18 10:4...		633 KB	☆☆☆☆☆
Outlet.JPG	2008-12-18 10:4...		553 KB	☆☆☆☆☆
Upstream.JPG	2008-12-18 10:4...		507 KB	☆☆☆☆☆

Validating Data

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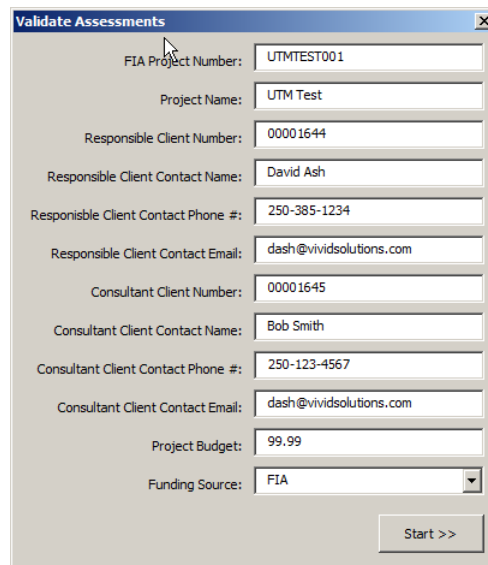
6. When you are happy that you have completed the excel template and that the required supporting sub folders are in place within the working folder , the next step is to use the functionality built in to the spreadsheet to validate your data prior to submission.

7. Click [Validate Assessment] as shown below

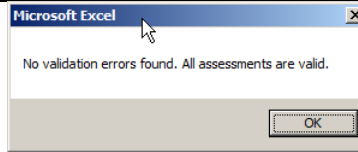


8. The data entered into the [Cover Page] worksheet will be summarised in a form where it can be checked and corrected / edited if required.

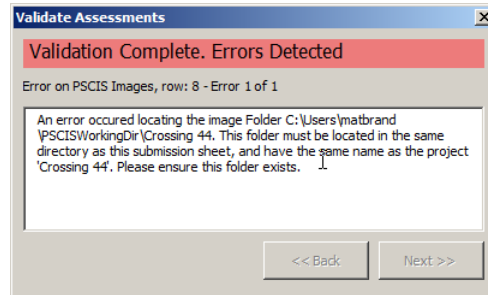
When you are happy to proceed, click [Start]

A screenshot of a dialog box titled 'Validate Assessments'. The dialog box contains several text input fields and a dropdown menu. The fields are: 'FIA Project Number:' with the value 'UTMTEST001', 'Project Name:' with the value 'UTM Test', 'Responsible Client Number:' with the value '00001644', 'Responsible Client Contact Name:' with the value 'David Ash', 'Responsible Client Contact Phone #:' with the value '250-385-1234', 'Responsible Client Contact Email:' with the value 'dash@vividolutions.com', 'Consultant Client Number:' with the value '00001645', 'Consultant Client Contact Name:' with the value 'Bob Smith', 'Consultant Client Contact Phone #:' with the value '250-123-4567', 'Consultant Client Contact Email:' with the value 'dash@vividolutions.com', 'Project Budget:' with the value '99.99', and 'Funding Source:' with a dropdown menu showing 'FIA'. At the bottom right of the dialog box is a button labeled 'Start >>'. A mouse cursor is pointing at the 'FIA Project Number' field.

9. Once the validation is complete, you will be presented with one of two scenarios:
a. All data were successfully validated. Simply click [OK] on the dialog below and proceed to [[Generate Submission](#)] when ready.



b. If validation is not passed, you will see something like:



The issue will be summarized for you.

If there are multiple issues, they can be 'navigated' by clicking [back] or [next]

To correct any mistakes, click [x] to go back to the spreadsheet and make changes as required.

All the issues captured by the validation process are also summarized in the [errors] worksheet

Once corrections have been made, click [validate assessment] again and ensure that all issues are resolved prior to proceeding to [\[Generate Submission\]](#)

Making a submission

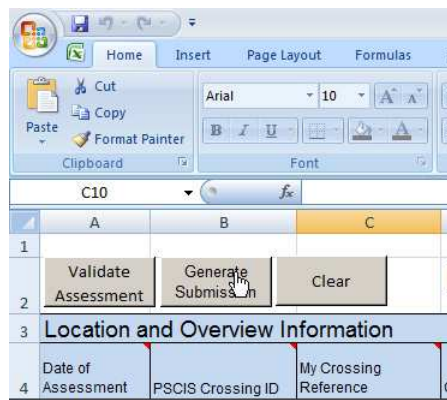
[top](#)

10. Once you have successfully validated your excel workbook, you can proceed to submit the data into the PSCIS system.

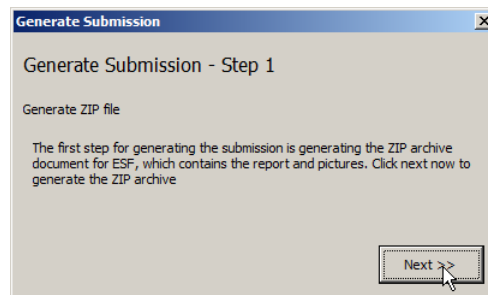
This requires the completion of a number of steps whereby the system will 'package' up (zip up) the contents of your PSCIS working directory and will then walk you through a series of steps that will require you to identify where certain files are- much like when you complete a tax return.

Uploading supporting data (typically photos)

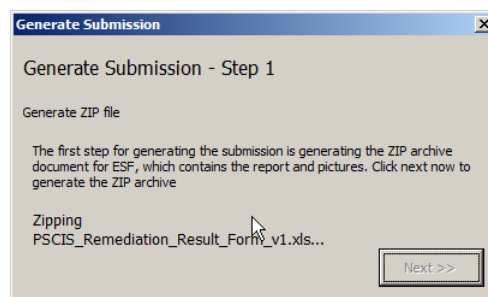
11. Begin by clicking [generate submission]



12. Click [next]



13. The system will then begin the process of preparing your submission for loading



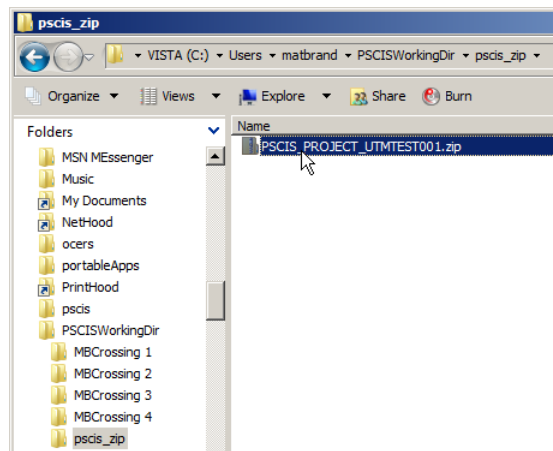
14. Once completed, a new folder inside of your [PSCIS working folder] will have been created called [pscis_zip].

Within [pscis_zip] will be a zip file named to match your [project number] as defined on your [cover page] worksheet.

In the example below the newly created pscis_zip folder is located at:

C:\Users\matbrand\PSCISWorkingDir\pscis_zip

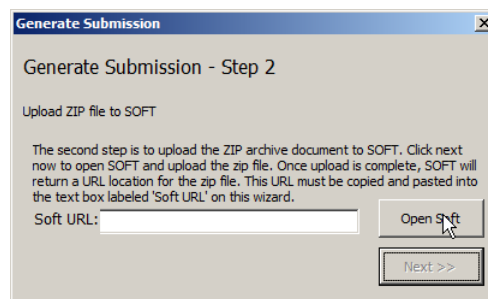
The zip file within the pscis_zip folder is called PSCIS_PROJECT_UTMTEST001.zip, the [project number] being UTMTEST001- as defined on the [cover page]



15. You are now required to upload the zip file into the PSCIS system using the SOFT tool.


Once the zip process is complete, you will be presented with the dialogue below.

Click [Open Soft] to open SOFT tool within your default web browser.



16. Click [Browse] when you see the SOFT web page

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The Best Place on Earth

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[B.C. Home](#) » [Environment](#) » [CSD](#)

Ministry of Environment
Ministry of Agriculture and Lands

▼ CSD

▼ IMB

▶ Services

▶ Organization

▶ Standards

▶ Projects


▶ Reports and Publications

▶ Branch Contacts

RELATED LINKS

GIS Links

- ▶ [GIS in GeoBC](#)
- ▶ [GIS in USA](#)
- ▶ [GIS in world](#)
- ▶ [GIS in Canada](#)



File Transfer Service

This service allows you to upload a file for transfer to another person. When you upload the file, the service creates a unique Internet location (URL) for the file, which you can email to other people. Then they use the URL to download the file. After a few days, the uploaded file will be automatically deleted.

Notes:

1. Contents that are uploaded are only accessible using a specific URL but are not encrypted in transit or while stored: this service is not appropriate for sensitive information. Only use this service in situations where you might otherwise use email, as it provides a similar level of security to email.
2. Anything uploaded may be subject to the [Freedom of Information and Protection of Privacy Act](#).
3. To send multiple files or directory structures, zip the files/directories before uploading.
4. This service will not work for files larger than 2GB.
5. Content uploaded from outside BC Government can only be accessed from inside BC Government network. Your computer is currently inside the BC Government network.

File to Upload:

Keep the file available for download for how long?

1 day 3 days 7 days 14 days

You are inside the BC Government network, so you may choose to make uploaded content available anywhere on the Internet, or to restrict its access to BC Government only.

Download from anywhere BC Government only

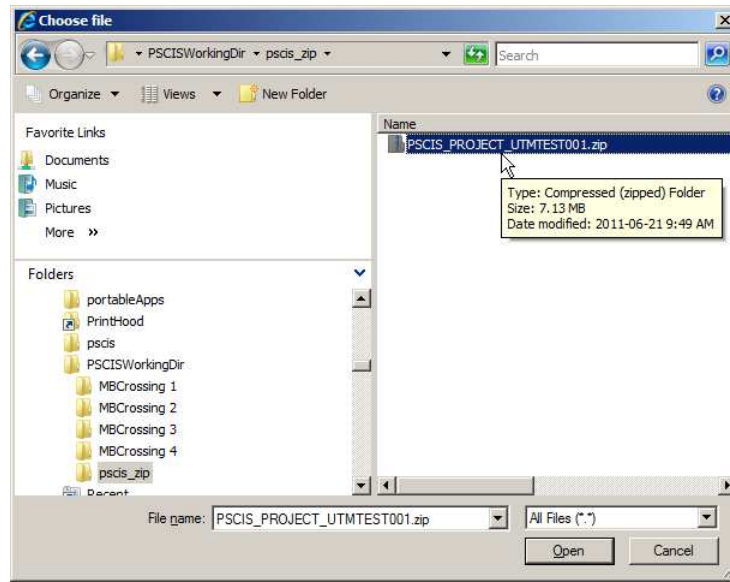
[COPYRIGHT](#) | [DISCLAIMER](#) | [PRIVACY](#) | [ACCESSIBILITY](#)

17. Navigate to the location of your zip file and select the zip file itself.

In the previous example –

C:\Users\matbrand\PSCISWorkingDir\pscis_zip\ PSCIS_PROJECT_UTMTEST001.zip

Click [open]



18. The path of the zip file will be returned into the [File To Upload] field

Click [Upload File]

The screenshot shows the British Columbia File Transfer Service web page. At the top, there is a search bar with a "Go" button and links for "Advanced Search" and "Text Size". Below the search bar, there are navigation links for "All B.C. Government", "Environment", "Help", and "Contact Us". The main navigation menu includes "News", "The Premier Online", "Ministries & Organizations", "Job Opportunities", and "Main Index". The breadcrumb trail shows "B.C. Home > Environment > CSD". There is a "Printer Version" link and a printer icon. The page features a banner image with the text "Ministry of Environment" and a "File Transfer Service" heading. The service description states: "This service allows you to upload a file for transfer to another person. When you upload the file, the service creates a unique Internet location (URL) for the file, which you can email to other people. Then they use the URL to download the file. After a few days, the uploaded file will be automatically deleted." A "Notes" section lists five points: 1. Contents are only accessible via a specific URL and are not encrypted. 2. Anything uploaded may be subject to the Freedom of Information and Protection of Privacy Act. 3. Multiple files or directory structures should be zipped before uploading. 4. The service does not support files larger than 2GB. 5. Content from outside BC Government can only be accessed from inside BC Government network. The "File to Upload" field contains the path "C:\Users\matbrand\PSCI\..." and a "Browse..." button. Below this, there is a question "Keep the file available for download for how long?" with radio button options for "1 day", "3 days", "7 days" (selected), and "14 days". A note indicates that users inside the BC Government network can choose to make content available anywhere on the Internet or restrict it to BC Government only, with radio button options for "Download from anywhere" (selected) and "BC Government only". An "Upload File" button is at the bottom, and a "TOP" link is in the bottom right corner. The footer contains links for "COPYRIGHT", "DISCLAIMER", "PRIVACY", and "ACCESSIBILITY".

19. SOFT will then upload your zip file

1

2

3

The screenshot shows the British Columbia Ministry of Environment website. At the top left is the logo for British Columbia, "The Best Place on Earth". To the right is a search bar with a "Go" button and links for "Advanced Search" and "Text Size". Below the search bar are navigation links: "All B.C. Government", "Environment", "Help", and "Contact Us". A secondary navigation bar includes "News", "The Premier Online", "Ministries & Organizations", "Job Opportunities", and "Main Index". The left sidebar contains a menu with "B.C. Home", "Ministry of Environment", "Ministry of Agriculture and Lands", "CSD", "TMB", "Services", "Organization", "Standards", "Projects", "Reports and Publications", and "Branch Contacts". Below this is a "RELATED LINKS" section titled "GIS Links" with four items: "GIS in GeoBC", "GIS in USA", "GIS in world", and "GIS in Canada". The main content area features a banner image of a mountain landscape with a bear and sheep, and the text "Ministry of Environment". Below the banner is the heading "File Transfer Service" and a paragraph explaining the service: "This service allows you to upload a file for transfer to another person. When you upload the file, the service creates a unique Internet location (URL) for the file, which you can email to other people. Then they use the URL to download the file. After a few days, the uploaded file will be automatically deleted." A progress bar shows the upload is in progress, with the text "Please wait while your file uploads...". Below the progress bar is a warning: "Do not close your browser or interrupt the upload until it has finished. This may take a long time, depending on the file size and your network speed." At the bottom right of the main content area is a "TOP" button. At the very bottom of the page are links for "COPYRIGHT", "DISCLAIMER", "PRIVACY", and "ACCESSIBILITY".

Search [Advanced Search](#) Text Size

All B.C. Government Environment | [Help](#) | [Contact Us](#)

[News](#) | [The Premier Online](#) | [Ministries & Organizations](#) | [Job Opportunities](#) | [Main Index](#)

[B.C. Home](#) » [Environment](#) » [CSD](#)

Ministry of Environment

File Transfer Service

This service allows you to upload a file for transfer to another person. When you upload the file, the service creates a unique Internet location (URL) for the file, which you can email to other people. Then they use the URL to download the file. After a few days, the uploaded file will be automatically deleted.

Please wait while your file uploads...

Do not close your browser or interrupt the upload until it has finished. This may take a long time, depending on the file size and your network speed.

[TOP](#)

[COPYRIGHT](#) | [DISCLAIMER](#) | [PRIVACY](#) | [ACCESSIBILITY](#)

20. Once the upload is complete (may take some time for larger zip files), you will be presented with a confirmation screen similar to the below.

Select the path (location) of the newly uploaded zip file by selecting the path and:

right clicking and selecting [copy], or

pressing [ctrl & c]

The screenshot shows a web page from the British Columbia government. At the top left is the logo for British Columbia, "The Best Place on Earth". To the right is a search bar with "All B.C. Government" and "Ministry" filters, and a "Go" button. Below the search bar is a "Corporate Services Division" banner with a group photo and the word "Intranet". The main content area has a heading "Your file has been uploaded" and a sub-heading "Upload complete." Below this, it states: "Your file 'PSCIS_PROJECT_UTMTEST001.zip' is available for download **anywhere in the Internet** for 7 days after which it will be automatically deleted." It then offers to "click here to send an email" containing the URL of the file's location, or to copy and paste the following URL directly into an email: <http://www.env.gov.bc.ca/perl/soft/dl.pl/20110621100050-07-gp-9ffa6a50-ac8b-441a-8eff-94b7e6d525imple-v>. A context menu is open over this URL, with "Copy" selected. On the right side, there are "Related Links about SOFT" including "SOFT Developers Guide" and "SOFT Overview". At the bottom, there is a footer with "SOFT 1.10 - Contact Us Use Feedback For Support" and "ACCESSIBILITY".

21. Return to your excel spreadsheet and in the [Soft URL] field paste the path that you copied from SOFT by:

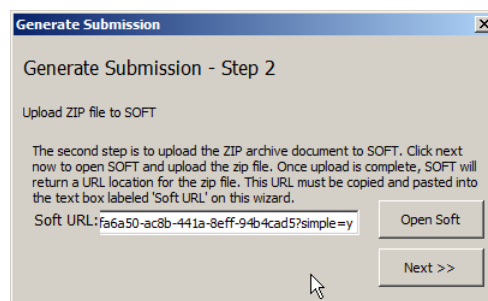
Placing the cursor in the [Soft URL] text box

Press [ctrl & V].

In the example below, the path has been pasted in:

<http://www.env.gov.bc.ca/perl/soft/dl.pl/20110621100050-07-gp-9ffa6a50-ac8b-441a-8eff-94b4cad5?simple=y>

Click [Next]

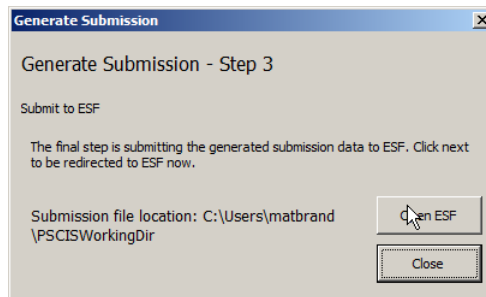


At this point, you have successfully uploaded your data sheet and supporting files (photos, report, overview maps) into the PSCIS system. The final step is to submit the data entered into the spreadsheet in XML format.

The XML conversion is handled automatically by the functionality coded into the spreadsheet and simply requires you to see out the balance of the [Generate Submission] steps as described below

Uploading spreadsheet data (XML)

22. To finalize your submission, click [Open ESF]



23. If required, login using your IDIR or BCEID credentials

BRITISH COLUMBIA

Help

Logon

testapps18.for.gov.bc.ca requires you to logon.

» Contact Us

Internal Government User (IDIR) BCEID User

Username: matbrand

Password: ●●●●●●●●

Next

Next

Access to or unauthorized use of data on this computer system by any person other than the authorized employee(s) or owner(s) of an account is strictly prohibited and may result in legal action against such person.

24. Click [Upload submission]

The screenshot shows the 'Electronic Submission - Welcome' page. At the top, there is a search bar with options for 'By Submission Id' and 'By User Reference', and a 'Go' button. The page header includes the British Columbia logo and navigation links like 'Main Index' and 'Help'. The main content area features a breadcrumb trail: 'B.C. Home > Forests and Range > Electronic Submissions > Welcome'. Below this, the title 'Electronic Submission - Welcome' is followed by 'Organization: BC Government' and 'User: Matt Brandwood'. A section titled 'Welcome to the MoFR Electronic Submission Site' contains a paragraph explaining the site's purpose. Below the paragraph are three main actions: 'Upload Submission' (with a red arrow icon), 'Search' (with a red arrow icon), and 'View Types' (with a red arrow icon). Each action has a brief description. On the left side, there is a sidebar with 'B.C. HOME' and 'Ministry of Forests and Range' information, a list of 'Electronic Submissions' (Welcome, Upload Submission, Search, View Types), and 'Related Links' including 'Business Application Support Center' and 'ESF Information Web Site'. At the bottom, there is a footer with version information and links for 'COPYRIGHT', 'DISCLAIMER', 'PRIVACY', and 'ACCESSIBILITY'.

25. From the [Choose submission type] combo, select the [PSCIS – Provincial Stream Crossing] option

The screenshot shows the 'Electronic Submission - Upload Submission' page. The layout is similar to the previous page, but the title is 'Upload Submission'. The breadcrumb trail is 'B.C. Home > Forests and Range > Electronic Submissions > Upload Submission'. The main content area has a section titled 'Upload Submission' with a dropdown menu for 'Choose Submission Type:'. The dropdown menu is open, showing a list of submission types: 'Harvest Application', 'Opening Submission', 'As-Built Roads Submission', 'FTC', 'WASTE', 'Startup Notification', 'LEXIS', 'Test Schema', 'FSP - Forest Stewardship Plan Submission', 'Edited Unit Test Schema (disabled)', 'Edited Unit Test Schema2 (disabled)', 'Edited Unit Test Schema (disabled)', 'Invasive Alien Plant Program', 'Edited Unit Test Schema3', 'Edited Unit Test Schema 12', and 'PSCIS - Provincial Stream Crossing Submission'. A 'Browse...' button is visible to the right of the dropdown. The sidebar on the left is identical to the previous page. The footer at the bottom contains the same version information and navigation links.

26. Enter a meaningful user reference that will help you identify which submission this is should you need to track it within the system.

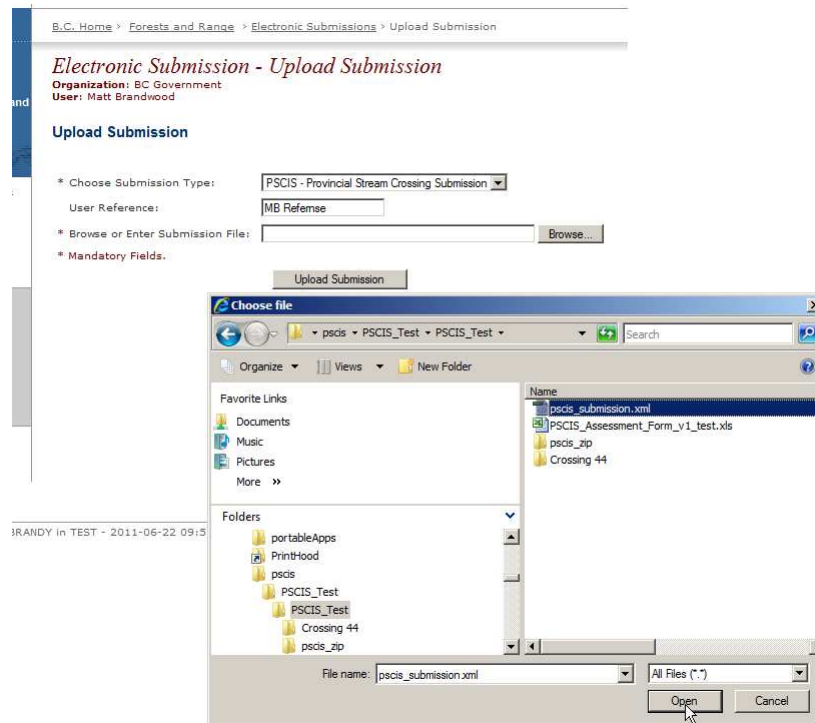
Click [Browse] to indicate the location of your XML file to the system.

The screenshot shows a web form titled "Electronic Submission - Upload Submission". At the top, it displays "Organization: BC Government" and "User: Matt Brandwood". Below the title, there is a section for "Upload Submission" with the following fields and controls:

- "Choose Submission Type:" with a dropdown menu set to "PSCIS - Provincial Stream Crossing Submission".
- "User Reference:" with a text input field containing "MB Refemse".
- "Browse or Enter Submission File:" with an empty text input field and a "Browse..." button to its right.
- "Mandatory Fields." label.
- An "Upload Submission" button at the bottom.

27. Note: The XML file is created automatically by the [Generate Submission] process and resides in the same directory as the excel spreadsheet / the PSCIS working folder as can be seen below.

Select the [pscis_submission.xml] file and click [open].



Submission validation and completion

29. The submission will first be validated by the system.

In the event of any errors they will be displayed similar to the below. .

To correct issues, return to the excel spreadsheet and make amendments as required before returning to step 6.

B.C. Home > Forests and Range > Electronic Submissions > Upload Submission

Electronic Submission - Validation Error

Organization: BC Government
User: Matt Brandwood

Submission Summary: Validation Failure

File Submission Type:	PSCIS
File Name:	pscis_submission.xml
File Size:	5.331KB
Submission Timestamp:	2011-06-22 09:57:14
User Reference:	MB Refernse

The following errors were received during the validation of your submission:

[Error]47173.xml:5:64: cvc-pattern-valid: Value '250 123 4567' is not facet-valid with respect to pattern '[0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9]' for type 'TelephoneNumberType'.
Line: 5 Column: 64: Value '250 123 4567' is not one of the valid values for type 'xsd:TelephoneNumber'.

[Error]47173.xml:20:113: cvc-pattern-valid: Value '250 3851234' is not facet-valid with respect to pattern '[0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9]' for type 'TelephoneNumberType'.
Line: 20 Column: 113: Value '250 3851234' is not one of the valid values for type 'pscis:responsiblePartyContactPhoneNumber'.

[Error]47173.xml:24:102: cvc-pattern-valid: Value '250 123 4567' is not facet-valid with respect to pattern '[0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9]' for type 'TelephoneNumberType'.
Line: 24 Column: 102: Value '250 123 4567' is not one of the valid values for type 'pscis:consultantContactPhoneNumber'.

Submit Another

30. Upon successful validation you will receive the following message.

To complete the submission, simply click [Finalize Submission]. Make sure you select the email address that you would like notifications to go to.

The screenshot displays the British Columbia Electronic Submissions interface. At the top, there is a search bar with options for 'By Submission Id' and 'By User Reference', along with 'Advanced Search', 'Main Index', 'Contact Us', and 'Help' links. The breadcrumb trail reads: 'B.C. Home > Forests and Range > Electronic Submissions > Upload Submission'.

The main heading is 'Electronic Submission - Confirm Submission'. Below this, it lists the organization as 'BC Government' and the user as 'Matt Brandwood'. A green banner states 'Submission Summary: Submission Validated'.

Submission details include:
File Submission Type: PSCIS - Provincial Stream Crossing Submission
File Name: pscis_submission.xml
File Size: 5KB
Submission Timestamp: 2011-06-22 10:09:15
User Reference: mbref

The page informs the user: 'We have received the following in your submission: Submission Validated'. It then asks, 'Which email address would you like the Submission Status Messages to be sent to?' with a dropdown menu showing 'matt.brandwood@gov.bc.ca'.

A warning message states: 'There can be no notification if the email is undeliverable. Please ensure the address is correct and come back to this site if notification has not been received within a day.'

At the bottom, under 'What would you like to do now?', there are two buttons: 'Finalize Submission' (with a mouse cursor over it) and 'Cancel Submission'. The descriptions are: 'Finalize the submission for processing by the ministry.' and 'Cancel the submission process and do not send to the ministry.'

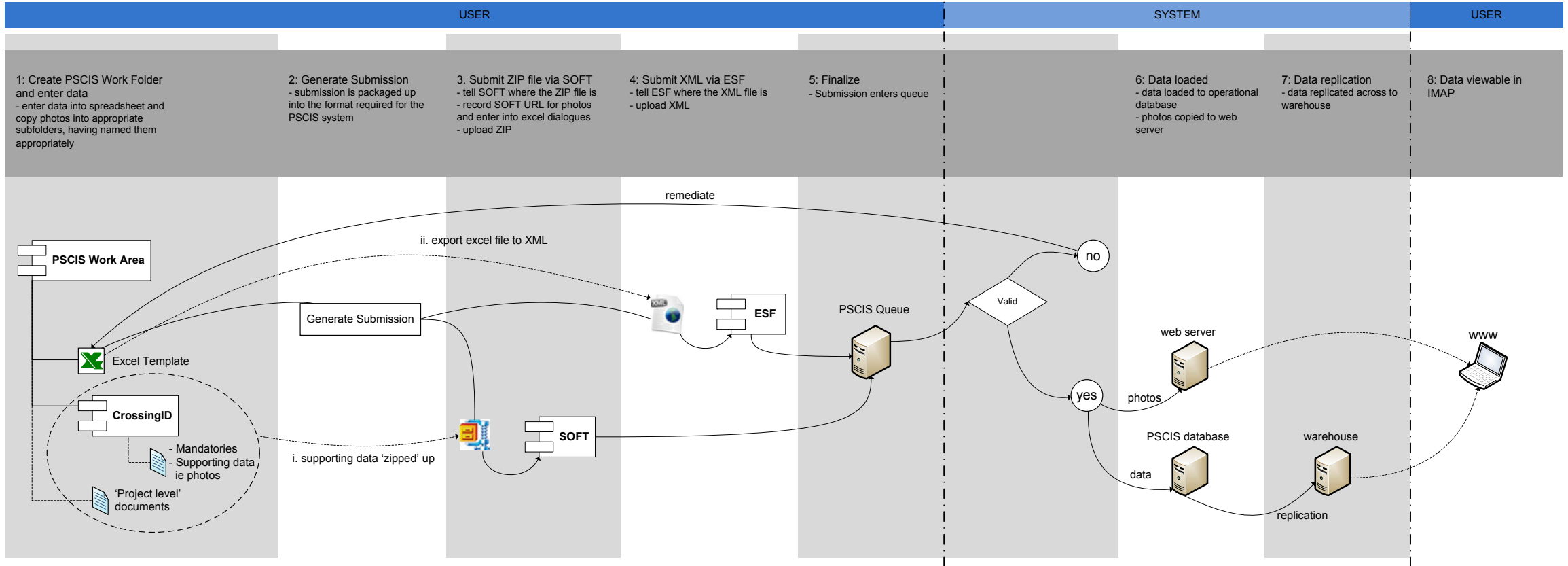
The footer contains the text: 'ESPF03 (v02.05.00) - on BRANDY in TEST - 2011-06-22 10:09' followed by links for 'COPYRIGHT', 'DISCLAIMER', 'PRIVACY', and 'ACCESSIBILITY'.

31. You will then receive the following confirmation message at which point your submission will begin working its way through the system. Your submitted data should be viewable within PSCIS <link> a day after the submission processing is completed.

The screenshot displays the British Columbia PSCIS website interface. At the top left is the British Columbia logo. The main navigation bar includes a search function with a 'Go' button and links for 'Advanced Search', 'Main Index', 'Contact Us', and 'Help'. The breadcrumb trail reads: 'B.C. Home > Forests and Range > Electronic Submissions > Upload Submission'. The page title is 'Electronic Submission - Complete Submission'. The user information is: 'Organization: BC Government' and 'User: Matt Brandwood'. The submission details are: 'Submission ID: 47180', 'File Submission Type: PSCIS - Provincial Stream Crossing Submission', 'File Name: pscis_submission.xml', 'File Size: 5KB', 'Submission Timestamp: 2011-06-22 10:09:15', and 'User Reference: mbref'. A confirmation message states: 'Submission Successfully Queued'. Below this, a note says: 'The file has been successfully submitted and queued for processing. You may receive courtesy e-mails throughout the approval process.' A final instruction reads: 'Please periodically check the status of your submission by visiting the [Search Page](#).' The footer contains the text: 'ESF004 (v02.05.00) - on BRANDY in TEST - 2011-06-22 10:17' followed by 'COPYRIGHT | DISCLAIMER | PRIVACY | ACCESSIBILITY'.

PSCIS High Level Work Flow

22 June 2011



NOTES:
Excel template exists for each submission type:
- assessment
- design proposal
- remediation
Templates contain extensive code / logic to support data validation as well as file manipulation

NOTES:
SOFT: Simple Obfuscated File Transfer- Pre existing utility for uploading / sharing files which is leveraged as part of the PSCIS workflow

NOTES:
ESF: Electronic Submission Framework - Pre existing utility for loading XML data which is leveraged as part of the PSCIS workflow