EDIT/VALIDATION RULES RELATED TO VOLUMETRIC DATA SUBMISSIONS IN PETRINEX

Updated: May 17, 2024

JOB AID

EDIT/VALIDATION RULES RELATED TO VOLUMETRIC DATA SUBMISSIONS IN PETRINEX

Contents

1. VOLUMETRIC SUBMISSIONS EDITS

Edits are the business rules that are applied to information submitted to Petrinex.

The jurisdiction is left blank to indicate all jurisdictions.

Cross-border Receiving Jurisdiction Edits are edits which are validated in the receiving jurisdiction in a cross-border submission activity, and will generate a "Validation Results Vol Cross-border" notification to the originating operator.

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
Facility ID			Must be an 11-digit, alphanumeric identifier.	Error	Reported facility ID [value] is not a valid facility in Petrinex.	VMS001
Facility ID			First and second characters of id must be that of the logged in jurisdiction.	Error	Reported facility ID [value] is not a valid facility for volumetric submission. First and second characters of id must be [value].	VMS008
Facility ID			Must be a valid facility ID in Petrinex.	Error	Reported facility ID [value] is not a valid facility in Petrinex.	VMS001
Facility ID			Third and fourth characters of id must be one of the reporting facility types. This is validated against a database validation table to check that the facility type and subtype are allowed to make a volumetric submission.	Error	Reported facility ID [value] is not a valid facility for volumetric submission.	VMS002
Facility ID			This is the generic security error message, created when an event arises which is not covered by any of the following security related error messages.	Error	Access is denied for facility ID [value]. Consult your organization's security administrator (USA).	VMS003

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
Facility ID			Must be a valid facility associated with the BA as per infrastructure, for the production year month, or if BA has authority to do prior period amendment. AB: BA can make prior period amendments for periods prior to when they have the PPA flag set to Y even where they are not the current operator.	Error	Access denied. You are not identified as the operator of facility [value].	VMS014
Facility ID	AB/BC/MB		If facility status is 'experimental' for the production year month, then only users within the BA who have 'view experimental' permissions may edit/update volumetric information. Ministry users who have 'view experimental' permissions can access 'experimental' facilities.	Error	Access denied. You are not authorized for facility [value]. Please consult your organization's security administrator (USA).	VMS015
Facility ID	AB		If there is a confidential well attached to the facility for the production year month, then only users within the BA who have 'view confidential' permissions may edit/update volumetric information. Ministry users who have 'view confidential' permissions can access these facilities.	Error	Access denied. You are not authorized for facility [value]. Please consult your organization's security administrator (USA).	VMS015
Facility ID	AB		If there is a confidential well with experimental confidential well events attached to the facility for the production year month, then only users within the BA who have view 'experimental confidential' permissions may edit/update volumetric information. Ministry users with 'experimental confidential' access will have full access to these facilities. Ministry users without 'experimental confidential' access will have limited access to these facilities.	Error	Access denied. You are not authorized for facility [value]. Please consult your organization's security administrator (USA).	VMS015
Facility ID	AB		If there is a non-confidential well with experimental well events attached to the facility for the production year month, then only users within the BA who have 'experimental confidential' permissions may edit/update the volumetric information. Ministry users with 'experimental confidential' access will have full access to these facilities. Ministry users	Error	Access denied. You are not authorized for facility [value]. Please consult your organization's security administrator (USA).	VMS015

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
			without 'experimental confidential' access will have limited access to these facilities.			
Facility ID	AB/BC		If the BA is not the operator or CSO, then volumetric data can only be viewed for certain types of facilities (currently BT, GS, IF and GP (except frac plants),). The DISP activities will be rolled up if they are not to one of the viewable facility types, unless it is to a facility operated by the BA, or the BA is on a relevant distribution list.	Error	Volumetric Data for this facility/production month is not currently available to non-operators.	VMS004
Facility ID	SK/MB		If the BA is not the operator or CSO, then volumetric data can only be viewed for certain types of facilities (currently BT, GS and IF). The DISP activities will be rolled up if they are not to one of the viewable facility types, unless it is to a facility operated by the BA, or the BA is on a relevant distribution list. Saskatchewan exception: Security blanket rules also apply to a BT linked to a storage IF (subtypes 505, 506, 516, 517, 519).	Error	Volumetric Data for this facility/production month is not currently available to non-operators.	VMS004
Facility ID	SK		If the BA is not the operator or CSO of a gas plant, all activities and products will be rolled up with from/to hidden unless it is to a facility operated by the BA, or the BA is on a relevant distribution list.	Error	Volumetric Data for this facility/production month is not currently available to non-operators.	VMS004
Facility ID			Facility operational status must be 'active'. An 'active' facility is defined in the Facility Operational Status Code Table.	Error	Reported facility ID [value] does not have a valid operational status [value], for volumetric submission.	VMS005
Facility ID	AB/SK/MB		A facility operational status of 'abandoned' will be accepted if the volumetric submission is for the production month that the facility was abandoned. That is, the 'abandoned' status start date is within the production month of the volumetric submission.	Error	Reported facility ID [value] does not have a valid operational status [value], for volumetric submission.	VMS005

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
Facility ID	BC		A facility operational status of 'removed' will be accepted if the volumetric submission is for the production month that the facility was abandoned. That is, the 'removed' status start date is within the production month of the volumetric submission.	Error	Reported facility ID [value] does not have a valid operational status [value], for volumetric submission.	VMS005
Facility ID			If the reporting facility type is a meter station (MS), a facility operational status of 'retired' is not accepted as a valid status for volumetric submission.	Error	Reported facility ID [value] does not have a valid operational status [value], for volumetric submission.	VMS005
Facility ID			If facility type is meter station (MS), a volumetric submission cannot be made for production month prior to earliest start date of the MS.	Error	Meter station [value] attempted submission for production month [value] that is prior to the earliest start date for the facility.	VMS009
Facility ID			A facility that is an NEB facility (as determined by facility sub type) and has the non-reporting facility indicator set to 'Y' is not allowed to make volumetric submissions.	Error	Reported facility ID [value] is a NEB facility that is set up as a Non-Reporting facility and as such is not allowed to make a volumetric submission.	VMS010
Facility ID	AB		If the facility operator's BA status is 'amalgamated' or 'amalgamated/continued out' the production month must be less than or equal to the 'established date'.	Error	The facility BA [BA Id] is no longer valid. It has been amalgamated. The new id is [New BA Id].	VMS012
Facility ID	SK/BC/MB		If the facility operator's BA status is 'amalgamated' the production month must be less than or equal to the 'established date'.	Error	The facility BA [BA Id] is no longer valid. It has been amalgamated. The new id is [New BA Id].	VMS012
Facility ID			For query submission: Facility start date must be earlier than the production month entered.	Error	Facility [value] does not exist/is not valid for production month [value].	VMS006
Facility ID			For online submission: Must be a valid facility associated with the user ID as per security.	Error	Access denied. You are not authorized for facility [value]. Please consult your	VMS015

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
					organization's security administrator (USA).	
Facility ID			For batch submission: Must be a valid facility associated with the submitter user ID as per security.	Error	Access denied. You are not authorized for facility [value]. Please consult your organization's security administrator (USA).	VMS015
Facility ID	AB		Petrinex will accept volumetrics for a BA whose corporate status is struck, continued out or dissolved. However a warning will be issued regarding their status.	Warning	Please be advised that the submitting BA has a corporate status of [value].	VMS011
Facility ID	SK/MB		Petrinex will accept volumetrics for a BA whose corporate status is inactive or discontinued. However a warning will be issued regarding their status.	Warning	Please be advised that the submitting BA has a corporate status of [value].	VMS011
Facility ID	BC		Petrinex will accept volumetrics for a BA whose corporate status is inactive or dissolved. However, a warning will be issued regarding their status.	Warning	Please be advised that the submitting BA has a corporate status of [value].	VMS011
Facility ID			Informational message for successful submission to Petrinex	Informational	The data for facility [xx xx xxxxxxx] and production month [yyyy-mm] has been successfully submitted to Petrinex with the amendment number [n]	VMS999
Facility ID			When editing a prior period where a valid submission exists, the informational message is displayed to show that the displayed data corresponds to the current submission.	Informational	*** Data from Petrinex***	VMS997
Facility ID			Submission has been validated, and successfully saved to the "Work in Progress" area within Petrinex	Informational	The data has been successfully saved to WIP.	VMS998
Facility ID			Some formatting error in the input data could not be validated	Error	Data was not saved into WIP due to formatting error(s) below	VMS996

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
Facility ID			Some records have been accepted by Petrinex	Informational	Some records have been successfully submitted to Petrinex	VMS994
Facility ID			If the facility is a meter station, and the user is the CSO, a check is made of the WIP data, and if it is found that the data has already been created/saved by the operator, the CSO will be given an error message.	Error	CSO cannot edit this facility [value], whilst the operator has un-submitted data.	VMS993
Facility ID			If the facility is a meter station, and the user is the operator, a check is made of the WIP data, and if it is found that the data has already been created/saved by the CSO, the operator will be given a warning message.	Warning	CSO has un-submitted data for facility [value].	VMS992
Facility ID			Only for a CSO reporting at a 'Non flow through' meter station (MS): CSO cannot make a submission, if the operator has already made a submission for the facility with a facility-level SHUTIN.	Error	Submission failed. CSO cannot submit, as the operator has submitted a SHUTIN activity.	VMS991
Facility ID			Only for a CSO reporting at a 'Non flow through' meter station (MS): CSO cannot make a submission, if the operator has not yet made a submission.	Error	Submission failed. CSO cannot submit, as the operator has not made a submission.	VMS990
Facility ID			Only for a CSO reporting at a 'Non flow through' meter station (MS): CSO submission of volume must balance to that entered by operator.	Error	Submission failed. Product [{0}], CSO volume [{1}] does not balance to operator volume [{2}].	VMS989
Facility ID			Only for a CSO reporting at a 'Non flow through' meter station (MS): CSO submission of energy must balance to that entered by operator.	Error	Submission failed. Product [{0}], CSO energy [{1}] does not balance to operator energy [{2}].	VMS988
Facility ID			A valid submission consists of only a facility level shut-in record for production month indicated	Informational	Facility-level SHUTIN record found	VMS987
Facility ID	AB/BC		If submitting facility type is meter station (MS), and the "auto populate flow through" flag is 'Y', then the "auto populate facility" must have an 'active' status	Error	The "auto populate" facility ID [value] is not an 'active' facility for production month [value].	VMS013

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
			in infrastructure/facility database tables, for the reported production month. Under MS subtype 633/639, this means the linked pipeline is 'active'.			
Facility ID	SK/MB		If submitting facility type is meter station (MS), and the "auto populate flow through" flag is 'Y', then the "auto populate facility" must have an 'active' status in infrastructure/facility database tables, for the reported production month. Under MS subtype 633, this means the linked pipeline is 'active'.	Error	The "auto populate" facility ID [value] is not an 'active' facility for production month [value].	VMS013
Facility ID	AB/BC		If submitting facility type is a meter station (MS), and the 'auto populate flow through' flag is 'Y', then the 'auto populate facility' must not have facility-level SHUTIN activity reported for the reporting production month. Under MS subtype 633/639, this means the linked pipeline has not reported SHUTIN.	Error	The 'auto populate' facility ID [{0}] has a facility-level SHUTIN activity present for production month [{1}], activity [{2}] cannot be reported.	VMS110
Facility ID	SK/MB		If submitting facility type is a meter station (MS), and the 'auto populate flow through' flag is 'Y', then the 'auto populate facility' must not have facility-level SHUTIN activity reported for the reporting production month. Under MS subtype 633, this means the linked pipeline has not reported SHUTIN.	Error	The 'auto populate' facility ID [{0}] has a facility-level SHUTIN activity present for production month [{1}], activity [{2}] cannot be reported.	VMS110
Facility ID	AB		If submitting facility is an experimental facility or subtype 371/381 BT that also has (a) confidential well(s) linked, non-confidential well level volumetric data can be viewed online.	Warning	Only non-confidential well level volumetric data is displayed.	VMS341
Facility ID			A warning will be given if user tries to edit a facility that has 'suspended' operational status for the production month.	Warning	Be advised that this submission will set the operational status of facility [{0}] to ACTIVE.	VMS343
Facility ID			Information message for a successful volumetric submission for a facility that has 'suspended' operational status for the production month.	Informational	The volumetric submission to [{0}] for [{1}] has changed the facility operational status to ACTIVE.	VMS344

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
Amendment Seq No			Online Query: Must be valid numeric value.	Error	Amendment number [value] is not valid.	VMS020
Production month			Cannot be blank.	Error	Reported production month cannot be blank	VMS021
Production month			Must be a 6- digit numeric field. May be entered as YYYYM, but will be converted to 6 digits.	Error	Reported production month [value] is not valid, format should be YYYY-MM.	VMS022
Production month			Must be reported as YYYYMM. This means it must be reported with year element first, as 4 digits.	Error	Reported production month [value] is not valid, format should be YYYY-MM.	VMS022
Production month			Must be a valid date (year month).	Error	Reported production month [value] is not valid, format should be YYYY-MM.	VMS022
Production month			Must be less than the current calendar month.	Error	Submission month [value] must not be greater than the current production month.	VMS024
Production month			If production month is prior to Petrinex implementation, then Petrinex will reject the submission.	Error	Reported production month [value] is prior to Petrinex implementation. Contact appropriate Ministry for submission procedures.	VMS023
Activity			Cannot be blank.	Error	Reported activity cannot be blank.	VMS031
Activity			Must be a valid activity (see database activity table). This includes derived activities as well.	Error	Reported activity [value] is not valid.	VMS032
Activity			The activity must be valid for the reporting facility type as identified in the database table (See Section 6)	Error	Reported activity [value] is not valid for reporting facility type [value].	VMS033
Activity			An unrecognized activity	Error	A valid activity is required to make a submission	VMS995

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
Activity			The combination of activity, product and from/to identifier must be unique for a reporting facility and production month.	Error	Activity [value], product [value] and from/to identifier [value] have been reported multiple times for this reporting facility and production month.	VMS034
Activity	AB		For a GT with linked observation wells, the combination of activity, product, from/to identifier and CCI/Seq must be unique for a reporting facility and production month.	Error	Activity [value], product [value], from/to identifier [value] and CCI/Seq [value] have been reported multiple times for this reporting facility and production month.	VMS345
Activity			If the from/to id is a well linked to the reporting facility; then the only valid activities are those, which are valid for *well activity.*	Error	Activity [value] is not valid for from/to ID [value] on well activity.	VMS035
Activity			If the from/to id is blank, or a facility, or miscellaneous code or a well which is not linked to the reporting facility, then the only valid activities are those which are valid for *facility activity.*	Error	Activity [value] is not valid for from/to ID [value] on facility activity.	VMS036
Activity			**Activity LDREC:** the volume recovered for each product must be <= the volume of load fluid injected (LDINJ) + the volume of load fluid opening inventory (LDINVOP) + the volume of load fluid inventory adjustment (LDINVADJ) for the well.	Error	Activity [value] exceeds load fluid available for the month.	VMS037
Activity	AB		**Activity ISREC:** the volume recovered for product COND must be <= the volume of In-situ solvent injected (ISINJ) + the volume of In-situ solvent opening inventory (ISINVOP) + the volume of In-situ solvent inventory adjustment (ISINVADJ) for all linked wells.	Warning	Activity [value] exceeds In-situ solvent available for the month.	VMS362
Activity			**Activity PROD:** For each product, if a well has load fluid inventory (LDINVOP) and/or load fluid inventory adjustment (LDINVADJ) from the month and no load fluid recovered (LDREC) this month (or the LDREC volume is < than the (LDINVOP +	Error	Activity [value] is not valid for well ID [value], product [value], as the well must recover the previously reported load fluid	VMS038

THIS MATERIAL IS CONFIDENTIAL AND SHALL NOT BE USED FOR ANY OTHER PURPOSE OR DISCLOSED TO ANY OTHER PARTY WITHOUT PRIOR APPROVAL BY PETRINEX.

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
			LDINVADJ) volume), then the well must not report the activity production (PROD). The well must recover all the previously reported load fluid inventory volume prior to reporting production. The well may inject load fluid the same month as the production, but that volume is not included because it may have been injected after the production. If the PROD is OIL or COND, then the load fluid test is first done against the same product, then against the other product (for example, COND load fluid, if OIL production)		inventory prior to reporting production.	
Activity	AB		**Activity PROD or ROYALTY:** can only be reported once for each product at each well linked to the facility.	Error	Activity [value], product [value], is reported more than once at well ID [value].	VMS039
Activity	SK/BC/MB		**Activity PROD:** can only be reported once for each product at each well linked to the facility.	Error	Activity [value], product [value], is reported more than once at well ID [value].	VMS039
Activity	AB		**Activity ROYALTY:** Can only be reported if PROD for the same product and well has also been reported	Error	There is no activity of PROD reported for this well [value] and product [value]. Activity of ROYALTY cannot be reported without PROD	VMS238
Activity			Activity INVCL of product GAS may only be reported at a pipeline (PL)	Error	For activity [value], product [value], is not valid for reporting facility type [value].	VMS040
Activity			**Activity SHR:** These three SHR edits are in addition to the standard database validation of activity, product and facility type. If product is ACGAS, then the reporting facility type must be GP or (Alberta only) Battery with subtype 345 (SULPHUR REPORTING AT OIL SANDS).	Error	For activity [value], product [value], is not valid for reporting facility type [value].	VMS040

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
			Effective 2019-05, flared or incinerated ACGAS must be reported as Activity FLARE for Gas Plants and BC GP BC IF Facilities Effective YYYY-MM (TBD), FLARE ACGAS is valid for BC LN facilities.			
Activity	AB/SK		**Activity FLARE:** Gas plant cannot report FLARE ACGAS prior to production month 2019-05.	Error	Product [product] is not valid for activity [activity] prior to the [production month] production month	VMS069
Activity			**Activity SHR:** If product is OIL or COND, then the reporting facility type must be BT, CT, PL or TM. BC: OIL only, not COND.	Error	For activity [value], product [value], is not valid for reporting facility type [value].	VMS040
Activity			**Activity SHR:** If product is WATER, then the reporting facility type must be GP.	Error	For activity [value], product [value], is not valid for reporting facility type [value].	VMS040
Activity	SK/MB		**Activity REC/DISP:** If product is ASP, then the reporting facility must be IF, and only enhanced recovery subtypes, 501, 506, 511	Error	For activity [value], product [value], is not valid for reporting facility type [value].	VMS040
Activity	AB/BC		**Activity INVADJ:** If product is GAS, then the reporting facility must be PL and only enhanced recovery subtypes 204 and 206	Error	For activity [value], product [value], is not valid for reporting facility type [value].	VMS040
Activity	SK/MB		**Activity INVADJ:** For all products, the reporting facility must be a pipeline, PL, and only of subtypes {204,207,208,213, 611} Implementation with the May 2018 production period. Starting January 2019 production month, a custom treater (CT) can be entered as the reporting facility.	Error	For activity [value], product [value], is not valid for reporting facility type [value].	VMS040
Activity	AB		Activity **PROD** of product GAS is not allowed to be reported at the reporting facility AB IF.	Error	For activity [value], product [value], is not valid for reporting facility type [value].	VMS040

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
Activity			**Activity facility SHUTIN:** If a facility has opening inventory (INVOP) reported for the month, activity SHUTIN cannot be reported.	Error	Reported facility has opening inventory reported, activity [value] cannot be reported.	VMS041
Activity			**Activity facility SHUTIN:** The facility is **NOT** allowed to report other activities with products, from/to ID, volume, or energy. Basically, no other facility-level or linked well-level activities at all. Well SHUTIN & LDINVOP & LDINVCL are the exceptions, and are allowed to exist.	Error	Activity [value] cannot be reported, as there are other activities reported.	VMS042
Activity			**Activity well SHUTIN:** If a well has load fluid opening or closing inventory (LDINVOP or LDINVCL), activity SHUTIN can be reported. If it has anything else, then it is an error.	Error	Activity [value] cannot be reported for well ID [value] as there are other well activities reported.	VMS043
Activity			**Activity well SHUTIN:** If a well is linked to more than one facility, activity SHUTIN cannot be reported for the reporting facility if there are any activities for the same well at another facility (with the exception of LDINVOP, LDINVCL and SHUTIN).	Error	Activity [value] cannot be reported for well ID [value] as there are other well activities reported at another facility.	VMS044
Activity			**Activity well SHUTIN:** If a well is linked to more than one facility, no activity (with the exception of LDINVOP, LDINVCL and SHUTIN) can be reported for the reporting facility if the same well at another facility is SHUTIN.	Error	Activity [value] cannot be reported for well ID [value] as the same well is SHUTIN at another facility.	VMS045
Activity	AB		**Activity well SHUTIN:** A warning will be given if the well has 'suspended' status for the production month. This rule is only applied for the production month is less than the effective date for shutin at suspended wells which is 2009-07. From effective date forward, this rule is not valid anymore.	Warning	Activity SHUTIN is not required at suspended well ID [value], production month [value] and facility ID [value].	VMS049
Activity	AB	No	An experimental confidential well cannot report receipts to test facilities. It must be linked to a facility for reporting purposes	Error	This activity [value is not valid for the well [well ID]; the well must be linked to a facility	VMS050

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
Activity	AB	No	A REC of oil or condensate has been made by an unlinked well, This is permitted of the well is new, or drilling and completed wells, but not for a well in a producing status.	Warning	Receipt of {OIL,COND} has been submitted for an unlinked well [well(s)] at Facility [Facility ID] for production month [yyyy-mm]. Submission is subject to review by Ministry.	VMS051
Activity	BC	No	A REC of oil or condensate has been made by an unlinked well. This is permitted when the well is in a COMP status, but not for a well in a producing status	Warning	Receipt of {OIL,COND} has been submitted for an unlinked well [wells] at Facility [Facility ID] for production month [yyyy-mm]. Submission is subject to review by the FIN.	VMS051
Activity	AB	No	FUEL/FLARE/VENT activities may not be reported at the facility level for facility subtype 343. Reporting must be at the well level.	Error	Activity [value] is not valid for reporting at the facility level for facility ID [Facility ID]. The activity [value] must be reported at the well level for this facility subtype [value].	VMS052
Activity			**Activity INVCL:** Not valid if the submitting facility in the following production month has a facility-level SHUTIN reported.	Error	Facility ID [value] has a facility-level SHUTIN activity present for production month [value], activity [value] cannot be reported.	VMS109
Activity	AB/BC	Yes (only REC/DISP used in cross-border)	**Activity REC/DISP/PURDISP:** Not valid if the from/to facility in the reported production month has a facility-level SHUTIN reported.	Error	Facility ID [value] has a facility-level SHUTIN activity present for production month [value], activity [value] cannot be reported.	VMS109
Activity	SK/MB	Yes (only REC/DISP used in cross-border)	**Activity REC/DISP/PURREC:** Not valid if the from/to facility in the reported production month has a facility-level SHUTIN reported.	Error	Facility ID [value] has a facility-level SHUTIN activity present for production month [value], activity [value] cannot be reported.	VMS109

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
Activity			**Activity INVCL:** Not valid if the submitting facility in the following production month has a status which is not 'active'.	Error	Submitting facility [value] has an operational status of [value] for production month [value], therefore INVCL cannot be reported for production month [value].	VMS047
Activity	SK		Activity STINJ and STINVADJ can only be reported at a storage/EOR injection facility (IF subtypes 505, 506, , 516, 517, 519, 501, and 511)	Error	Activity [value] is not valid at reporting facility [value]	VMS311
Activity	SK		Activity STREC can only be reported at a battery associated with a storage/EOR injection facility. Injection facilities of subtypes 501,505,516,517,and 519	Error	Activity [value] is not valid at reporting facility [value]	VMS311
Activity			Activity SHUTIN is not allowed in a suspended facility.	Error	Activity [value] is not valid at suspended reporting facility [value]	VMS328
Activity	AB/BC		If the reporting facility is a Meter Station (MS) and the "auto populate flow through" flag = 'Y', then REC is not allowed for subtype 631, 637, 633, 639 and 640, and DISP is not allowed for subtype 632 and 638.	Error	Activity [value] is not valid when the 'auto populate flow through' flag is 'Y'.	VMS046
Activity	SK/MB		If the reporting facility is a Meter Station (MS) and the "auto populate flow through" flag = 'Y', then REC is not allowed for subtype 631, 633, and 640, and DISP is not allowed for subtype 632.	Error	Activity [value] is not valid when the 'auto populate flow through' flag is 'Y'.	VMS046
Activity	AB/BC		If the reporting facility is a Meter Station (MS), the CSO may only report 'REC' at subtype 631 and 637, and DISP at subtype 632, 638, 633 and 639.	Error	Activity [value] is not valid for CSO submission at reporting facility [value].	VMS048
Activity	SK/MB		If the reporting facility is a Meter Station (MS), the CSO may only report 'REC' at subtype 631, and DISP at subtype 632 and 633.	Error	Activity [value] is not valid for CSO submission at reporting facility [value].	VMS048

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
Activity	AB		If the reporting facility is an Injection Facility (IF), then activity PURDISP cannot be reported.	Error	Reported activity [PURDISP] is not valid for reporting facility type [IF].	VMS033
Activity	AB		If the reporting facility is AB, GS, or GP, and the From/To facility is an IF, then activity PURDISP cannot be reported	Error	Reported activity [PURDISP] is not valid for reporting facility type [BT].	VMS033
Activity	AB/BC		**Activity PLTUSE:** reporting facility is of type IF or GP or GT	Error	Reported activity [PLTUSE] is not valid for reporting facility type [BT].	VMS033
Activity	SK		**Miscellaneous ID:** Must be activity DISP of product C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, or C5-SP using miscellaneous ID "SK CO".	Error	Facility Type must be a GP when reporting From/To SK CO, Activity DISP, and Product C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, or C5-SP.	VMS339
Activity	MB		**Miscellaneous ID:** Must be activity DISP of product C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, or C5-SP using miscellaneous ID "MB CO".	Error	Facility Type must be a GP when reporting From/To MB CO, Activity DISP, and Product C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, or C5-SP.	VMS339
Activity	AB		If the reporting facility is subtype 505 IF and has a linked CR-OIL Cyclical well, Flare/Fuel/Vent activities should not be reported at both facility and linked CR-OIL Cyclical well level, FFV activities may be reported at the well level for non-CR-OIL Cyclical wells. All such activities for CR-OIL Cyclical wells should be reported at the linked BT.	Error	Reported activity [value] is not valid at the injection facility when linked to CR-OIL Cyclical well(s). These activities must be reported at the linked battery.	VMS224
Activity	AB		If the reporting facility is subtype 505 and linked well's status is Gas Cyclical, Flare/Fuel/Vent activities should not be reported at the injection facility.	Error	Reported activity [value] is not valid at the injection facility when a linked well's status is GAS Cyclical.	VMS225
Activity	AB		**Activity PROD:** For a geothermal well that is connected to an AB BT and an AB GT facility, if the well has load fluid inventory (LDINVOP) and/or load fluid inventory adjustment (LDINVADJ) from the	Error	Activity [value] is not valid for well ID [value], product [value], as the well must recover the previously reported load fluid	VMS347

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
			month and no load fluid recovered (LDREC) this month (or the LDREC volume is < than the (LDINVOP + LDINVADJ) volume at the GT, then the well must not report the activity production (PROD) at the BT. The well must recover all the previously reported load fluid inventory volume at the GT prior to reporting production at the BT. The well may inject load fluid the same month as the production, but that volume is not included because it may have been injected after the production. If the PROD is OIL or COND, then the load fluid test is first done against the same product, then against the other product (for example, COND load fluid, if OIL production)		inventory prior to reporting production.	
Activity	AB		**Activity INVADJ or INVCL:** Inventory activity at an AB GT facility for Product of OIL, GAS, or COND is not allowed.	Error	Inventory Activity [value] at a geothermal facility for Product [value] is not allowed.	VMS348
Activity	AB		**Activity PROD or INJ:** An Activity of PROD or INJ at an AB GT facility, only Product WATER is allowed.	Error	For Activity [value] at a geothermal facility, only Product WATER is allowed.	VMS349
Activity	AB		For all Geothermal wells where wellhead temperature is required, Min, Max, and Avg temperature set is required for every submission per well.	Warning	Well [value] requires a Min, Max, and Avg temperature set to be submitted.	VMS357
Activity			**Activity PROC:** An Activity of PROC at non geothermal (GT) facility cannot be entered manually.	Error	Activity [value] is not allowed to be entered for reporting facility type [value].	VMS358
Product			If reported: Must be a valid product (see database product table)	Error	Reported product [value] is not valid.	VMS061
Product			If reported: Must be a valid product for the activity as identified in the database table (See Section 6) Effective 2019-05, Product ACGAS, Activity FLARE is valid for ABGP, SKGP, MBGP, BCIF, and BCGP.	Error	Product [value] is not valid for activity [value].	VMS062

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
			Effective YYYY-MM (TBD), Product ACGAS, Activity FLARE is valid for BCLN.			
Product			If reported: Must be a valid product for cross-border activity as identified in Appendix I.	Error	Product [value] is not valid for cross-border activity [value] and from/to [value].	VMS321
Product			If reported: Some products may only report a miscellaneous facility id when used for cross-border activity, as identified in Appendix I.	Error	Product [value], for activity [value] and from/to [value], may only use miscellaneous facility id for cross-border activity.	VMS322
Product	AB		If the submitting facility is BT of subtype 903 (Brine), BRKWTR is the only valid product for activity PROD.	Error	Product [value] is not valid for activity [value].	VMS062
Product	SK/MB		Product BRINE can only be reported at an IF reporting facility of subtype 518 (disposal (approved for non oil and gas related activities)),	Error	Product [value] is not valid for facility type [value].	VMS312
Product			Only OIL and WATER may be reported as REC from a Waste Plant Only GAS may be reported as DISP to a Waste Plant.	Error	Product [value] is not valid for activity [value].	VMS062
Product	SK/MB		Product ENTGAS is only valid for activity types FUEL, FLARE, and VENT.	Error	Product [value] is not valid for activity [value].	VMS062
Product			Except for the following two exceptions, product cannot be blank…	Error	Activity [value] reported with no product code.	VMS063
Product			**Exception 1:** If activity shut-in (SHUTIN) is reported, then a product code must not be reported.	Error	Activity [value] cannot be reported with a product code.	VMS064
Product	AB		**Exception 2:** If a well is classified as a heavy oil well or crude bitumen well as per infrastructure, then a PROD activity may optionally submit a blank product code, as long as hours are entered, and volume is blank.	Error	Hours are required, with blank volume, when reporting a blank product code for well ID [value], activity [value].	VMS065

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
Product	SK/MB		**Exception 2:** If a well is Linked to a facility subtype, 326, 327,313,325, then a PROD activity may submit a blank product code, as long as hours are entered, and volume is blank.(CrudeOilDensityTypeT731)	Error	Hours are required, with blank volume, when reporting a blank product code for well ID [value], activity [value].	VMS065
Product	AB		If product is **HELIUM** and activity is PROD, then from/to must be a well ID with a well status fluid of HELIUM at some time in the prod month.	Error	Reported product [value] is not valid for well ID [value] for production month [value].	VMS066
Product	AB		If from/to is a well ID and well status fluid is crude oil, crude bitumen, or well status type is cyclical or single well steam assisted gravity drain, then product "condensate" (COND) cannot be reported with activity PROD.	Error	Reported product [value] is not valid for well ID [value] for production month [value].	VMS066
Product	SK/MB		If from/to is a well ID and well status fluid is crude oil or well status type is 'producing & injecting' ('PROD/INJ'), then product "condensate" (COND) cannot be reported with activity PROD.	Error	Reported product [value] is not valid for well ID [value] for production month [value].	VMS066
Product	AB		If from/to is a well ID and the well has a VGWL classification of condensate, then production (PROD) of OIL cannot be reported	Error	Reported product [value] is not valid for well ID [value] for production month [value].	VMS066
Product	AB		If from/to is a well ID and the well has a VGWL classification of oil, then production (PROD) of COND cannot be reported	Error	Reported product [value] is not valid for well ID [value] for production month [value].	VMS066
Product	BC		If from/to is a well ID and the well does not have a GAS fluid type, then production (PROD) of COND cannot be reported	Error	Reported product [value] is not valid for well ID [value] for production month [value].	VMS066
Product	BC		If from/to is a well ID and the well does not have an OIL fluid type, then production (PROD) of OIL cannot be reported	Error	Reported product [value] is not valid for well ID [value] for production month [value].	VMS066
Product			If from/to is a well ID, then both OIL and COND must not be reported for the well ID, regardless of the facility that the production (PROD) is reported at. This means only one or the other may be reported as being produced, not both together.	Error	Activity [value] for well ID [value] cannot have both product OIL and product COND reported.	VMS067

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
			Cannot produce OIL & COND from the same well regardless of which facility the well may be attached to.			
Product			If the reporting facility is a meter station (MS), then the product can only be gas (GAS).	Error	Product [value] is not valid for reporting facility type [value].	VMS068
Product	SK/MB		Product ENTGAS is only valid at reporting facility types of CT, IF, TM, and WP.	Error	Product [value] is not valid for reporting facility type [value].	VMS068
Product	AB		If the product is gas (GAS), and **the reporting facility, activity and from/to identifier are one of the valid ones for ISC reporting purposes (as detailed in In-stream component unit task)**, then at least one ISC record must be present	Error	Activity [value], product [value] and from/to identifier [value] require at least one ISC transaction in the submission.	VMS180
Product	AB		If the activity is PROD and a well is a licensed water source well, WATER is not allowed. The effective date for this edit is 2009-08-01	Error	Reported product [value] is not valid for well ID [value] for production month [value].	VMS066
Product	AB		Must be valid Product, Activity and From/To combination for ISC transaction, when ISC reporting.	Error	ISC reporting is not required for the volumetric record, activity [value], product [value], and from/to identifier [value].	VMS181
Product	SK/MB	Yes	If Reporting Facility type or From/To facility type is WT - if subtype is 906 ('formation water source') or 908 ('single well water source (flowline only)'), then the reported product must NOT be FSHWTR - if subtype is 907 ('fresh water source'), then the reported product must NOT be WATER.	Error	Product [value] is not valid for facility [value].	VMS312
Product	SK		If Product is HYDGN and From/To facility type is GP	Error	Product [value] is not valid for from/to facility type [value].	VMS342
Product	AB		Product OIL, GAS, COND, WATER, HEAT, and POWER can be reported at a geothermal facility (GT) of subtype 105 (open-loop geothermal facility).	Error	Product [value] is not valid at reporting facility [value].	VMS351

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
Product	AB		Product HEAT and POWER is only allowed for a geothermal facility (GT) reporting facility. Exception 1) At a geothermal facility (GT) of subtypes 101 (single-well closed-loop geothermal facility) and 102 (multi-well closed-loop geothermal facility) the only products that can be reported in addition to HEAT and POWER are WATER and GAS. Exception 2) At a geothermal facility (GT) of subtype 105 (open-loop geothermal facility) the only products that can be reported in addition to HEAT and POWER are OIL, GAS, COND, and WATER. Exception 3) At a geothermal facility (GT) of subtype 107 (Power generating facility) the only product that can be reported in addition to HEAT and POWER is GAS.	Error	Product [value] is not valid at reporting facility [value].	VMS351
Product	AB		Product HEAT and POWER with Activity of REC or DISP, is only allowed for Reporting Facility type of GT, and From/To facility type of AB GT or miscellaneous codes (excluding AB MC). Exception: GT subtype 107 (Power generating facility) can enter a REC of HEAT or POWER from AB BT to cover instances where an Oil well also produces Geothermal energy, but is reported under Oil and Gas Conservation Regulations only	Error	Product [value] and Activity [value] can only be between geothermal facilities or miscellaneous codes.	VMS352
Product	AB		Product cannot be to be reported at a geothermal facility (GT) of subtype 106 (Observation well geothermal facility).	Error	Product [value] cannot be reported for an Observation well geothermal facility [value].	VMS353

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
Product	AB		For a geothermal facility of subtype 101 (single-well closed-loop geothermal facility with a well licence) and Product of POWER in a submission.	Warning	Product [value] is not allowed to be reported for a single-well closed-loop geothermal facility with a well licence.	VMS354
Product	AB		PRODUCT WATER, BRKWTR, OIL, COND AND GAS CAN ONLY BE REPORTED AT REPORTING FACILITY OF SUBTYPE 151, 155, 160, AND 165.	Error	Product [value] is not valid for facility type [value].	VMS312
Received From/delivered to ID			If a linked well is entered in *From/*To on the 'facility activity' screen (Edit applicable to online submission), this is not valid.	Error	From/to ID [value] is invalid on facility activity screen.	VMS103
Received From/delivered to ID			If an unlinked well is entered in *From/*To on the 'well activity' screen (Edit applicable to online submission), this is not valid.	Error	From/to ID [value] is invalid on well activity screen.	VMS102
Received From/delivered to ID		Yes	Must be a valid from/to category type for the activity The type could be 'Blank', 'Facility ID', 'Well ID', 'Miscellaneous ID' or 'Water Source ID'.	Error	From/to ID type [value] is not valid for activity [value].	VMS081
Received From/delivered to ID			**Facility ID**: Must be an 11-character, alphanumeric identifier.	Error	From/to facility ID [value] is not a valid facility.	VMS082
Received From/delivered to ID			**Facility ID**: First and second characters of id must be AB or SK or BC or MB.	Error	From/to facility ID [value] is not a valid facility.	VMS082
Received From/delivered to ID			**Facility ID**: Third and fourth characters of id must be one of the reporting or non-reporting facility types for the logged-in jurisdiction.	Error	From/to facility ID [value] is not a valid facility.	VMS082
Received From/delivered to ID	AB/BC		**Facility ID**: Remaining seven characters must be a valid 7 digit numeric value	Error	From/to facility ID [value] is not a valid facility.	VMS082
Received From/delivered to ID		Yes	**Facility ID**: Facility must exist in infrastructure/facility database tables.	Error	From/to facility ID [value] is not a valid facility.	VMS082

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
Received From/delivered to ID		Yes	**Facility ID**: Facility must have an 'active' status in infrastructure/facility database tables, for the reported production month.	Error	From/to facility ID [value] is not an "active'" facility for production month [value].	VMS083
Received From/delivered to ID			**Facility ID**: If manual activity "disposition" (DISP) is entered, then from/to facility type must be a non-reporting facility (e.g., WS). A manual activity DISP is permitted at a NEB facility (T706NEBFacInd = 'Y'), where the facility has elected to report volumetrics in Petrinex (S016FacVolmtrcNonReportingFlg = 'N'). At Meter Stations, Terminals and NGL/Oil Pipelines (subtype 207 & 208; for Saskatchewan/Manitoba include 213 also), manual DISP activity may be valid; VMS106 below determines cases where it is not valid.	Error	From/to facility ID [value] is not valid for activity [value].	VMS084
Received From/delivered to ID			**Facility ID**: If activity FLARE, FUEL, EMIS or VENT are entered, then from/to facility id is either that of the facility making the submission, or a 'non-reporting' facility type (e.g., Compressor Station).	Error	From/to facility ID [value] is not valid for activity [value].	VMS084
Received From/delivered to ID	SK/MB		**Facility ID**: If activity FIRE, THEFT, or SPILL are entered, then from/to facility id is either that of the facility making the submission, or a 'non-reporting' facility type (e.g., Oil Satellite).	Error	From/to facility ID [value] is not valid for activity [value].	VMS084
Received From/delivered to ID			**Facility ID**: If the from/to facility id is for a Compressor Station (facility type: CS) then the activity can only be FLARE, FUEL and VENT, and the product must be GAS.	Error	From/to facility ID [value] is not valid for activity [value].	VMS084
Received From/delivered to ID	SK/MB		**Facility ID**: If the from/to facility id is for an Oil Satellite Battery (facility type: SA), and the product is GAS, then the activity can only be FLARE, FUEL and VENT.	Error	From/to facility ID [value] is not valid for activity [value].	VMS084

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
Received From/delivered to ID	SK/MB		**Facility ID**: If the facility making the submission is a paper battery (BT subtype 313 or 316) then activity FLARE, FUEL, VENT, and EMIS may only be reported at a well level (from/to is well id).	Error	From/to Facility ID [value] is not valid for activity [value].	VMS325
Received From/delivered to ID	AB/BC		**Facility ID**: Except for activity FLARE, FUEL, EMIS or VENT, from/to facility id must **not** be that of the reporting facility. For example, you cannot REC/DISP from/to yourself.	Error	From/to facility ID [value] is not valid for activity [value].	VMS084
Received From/delivered to ID	SK/MB		**Facility ID**: Except for activity FLARE, FUEL, EMIS, VENT, FIRE, THEFT or SPILL, from/to facility id must **not** be that of the reporting facility. For example, you cannot REC/DISP from/to yourself.	Error	From/to facility ID [value] is not valid for activity [value].	VMS084
Received From/delivered to ID			**Facility ID**: If the facility making the submission is a pipeline (PL), and the product is gas (GAS), and the activity is receipt (REC), then the from/to can only be another pipeline (PL), or a miscellaneous, or an out-of-province, identifier.	Error	For activity [value] and product [value], from/to facility ID [value] must be a miscellaneous facility id, or another pipeline, or an out-of-province identifier.	VMS079
Received From/delivered to ID	AB/BC		**Facility ID**: If the facility making the submission is not a pipeline (PL) and not a meter station (MS), and the from/to facility is a pipeline (PL), then product GAS and activity REC, PURDISP or DISP cannot be reported.	Error	From/to facility ID [value] is not valid for activity [value], product [value] and reporting facility type [value].	VMS085
Received From/delivered to ID	SK/MB		**Facility ID**: If the facility making the submission is not a pipeline (PL) and not a meter station (MS), and the from/to facility is a pipeline (PL), then product GAS and activity REC, PURREC or DISP cannot be reported.	Error	From/to facility ID [value] is not valid for activity [value], product [value] and reporting facility type [value].	VMS085
Received From/delivered to ID	AB/BC		**Facility ID**: From/to facility id cannot be a meter station (MS). Only exception is, the MS is an NEB facility who has opted not to report Volumetrics in Petrinex. NOTE: Meter station subtypes, 635 & 636, are covered by the following edit.	Error	From/to facility ID [value] is not valid. Meter station activity must be reported at the meter station.	VMS080

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
Received From/delivered to ID	AB/BC		**Facility ID**: From/to facility id cannot be a meter station (MS) of subtype 635 or 636. These are summary meter stations, and do not participate in Volumetric Submissions.	Error	From/to facility ID [value] is not valid. Summary meter station activity is not reported through the Volumetric Submission process.	VMS107
Received From/delivered to ID	AB/BC		**Facility ID**: If the reporting facility is a meter station (MS), the from/to must be the linked pipeline facility, if the activity is DISP, and the subtype is 631, 637, 640, or activity is REC, and the subtype is 632, 638, 633, 639. If the subtype is 634, the from/to must be the linked pipeline facility, for activity REC and DISP.	Error	From/to facility ID [value] is not valid, it can only be the pipeline linked to this meter station, [value].	VMS104
Received From/delivered to ID	SK/MB		**Facility ID**: If the reporting facility is a meter station (MS), the from/to must be the linked pipeline facility, if the activity is DISP, and the subtype is 631, 637, 640, or activity is REC, and the subtype is 632, 638, 633, 639. If the subtype is 634, the from/to must be the linked pipeline facility, for activity REC and DISP.	Error	From/to facility ID [value] is not valid, it can only be the pipeline linked to this meter station, [value].	VMS104
Received From/delivered to ID	AB/BC		**Facility ID**: If the reporting facility is a meter station (MS) and the "auto populate flow through" flag is 'Y', the from/to must be the "auto populate facility", if the activity is DISP, and the subtype is 633, 639.	Error	From/to facility ID [value] is not valid, it can only be the 'auto populate facility' linked to this meter station, [value].	VMS105
Received From/delivered to ID	SK/MB		**Facility ID**: If the reporting facility is a meter station (MS) and the "auto populate flow through" flag is 'Y', the from/to must be the "auto populate facility", if the activity is DISP, and the subtype is 633, 639.	Error	From/to facility ID [value] is not valid, it can only be the 'auto populate facility' linked to this meter station, [value].	VMS105
Received From/delivered to ID		Yes	**Facility ID**: Submitting facility type, activity and from/to facility type must be valid (See Section 8).	Error	Reported facility type [value], From/to facility type [value], and activity [value] are not a valid combination	VMS106
Received From/delivered to ID	SK		**Facility ID**: SK TM must have subtype 675 (Railcar oil terminal) if the TM reported DISP to SK RC.	Error	Reporting facility must be a railcar oil terminal if Activity	VMS223

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
					[value] and From/to facility [value] is reported	
Received From/delivered to ID	MB		**Facility ID**: MB TM must have subtype 675 (Railcar oil terminal) if the TM reported DISP to MB RC.	Error	Reporting facility must be a railcar oil terminal if Activity [value] and From/to facility [value] is reported	VMS223
Received From/delivered to ID	BC		**Facility ID**: BC TM must have subtype 675 (Railcar oil terminal) if the TM reported DISP to BC RC.	Error	Reporting facility must be a railcar oil terminal if Activity [value] and From/to facility [value] is reported	VMS223
Received From/delivered to ID			**Well ID**: First and second characters of id must be that of the logged in jurisdiction.	Error	From/to well ID [value] is not a valid well.	VMS086
Received From/delivered to ID			**Well ID**: Third and fourth characters of id must be WI.	Error	From/to well ID [value] is not a valid well.	VMS086
Received From/delivered to ID			**Well ID**: Remaining 16 characters must be a valid unique well identifier (UWI)	Error	From/to well ID [value] is not a valid well.	VMS086
Received From/delivered to ID			**Well ID**: Well must exist in infrastructure/well database tables.	Error	From/to well ID [value] is not a valid well.	VMS086
Received From/delivered to ID			**Well ID**: Well must have an "active" status in infrastructure/well database tables, for volumetric submission. This "active" status means that a well with a particular 'status, fluid & type' is allowed to be reported for volumetric purposes (see DB validation tables). Also, this 'active' state had to exist at any time within the production month (not necessarily for the entire month).	Error	From/to well ID [value] is not an "active" well.	VMS087
Received From/delivered to ID	AB		**Well ID**: If activity is PROD, and well is classified as a heavy oil well or crude bitumen well as per infrastructure, and the well is 'abandoned', then this	Error	Well Id [value] is an 'abandoned' well, and must not report	VMS088

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
			is a valid 'active' well status, as long as volume is entered with no hours. The 'Abandoned' state may cover a number of different well status, fluid & type combinations (see DB validation tables). This PROD reporting is only allowed for 6 months after initial status effective date.		production for more than six months.	
Received From/delivered to ID	SK/MB		**Well ID**: If activity is PROD, and well is Linked to a facility subtype,313, 325, 326 or 327 and the well is 'abandoned', then this is a valid 'active' well status, as long as volume is entered with no hours. The 'Abandoned' state may cover a number of different well status, fluid & type combinations (see DB validation tables). This PROD reporting is only allowed for 6 months after initial status effective date. Activities FUEL/FLARE/VENT/EMIS are valid for product GAS at abandoned wells for a period of 6 months	Error	Well Id [value] is an 'abandoned' well, and must not report production for more than six months.	VMS088
Received From/delivered to ID	AB		**Well ID**: All volumetric activities, except SHUTIN , and well status is 'gas testing', 'CBM testing', 'shale testing', 'helium testing', or 'water potential' as per infrastructure, then this is a valid 'active' well status. This volumetric activity reporting is only allowed for 3 consecutive months after initial status effective date.	Error	Well Id [value] is a 'testing/potential' well, and must not report volumetrics for more than three months. Volumetric data exists for production month [value] at facility [value].	VMS089
Received From/delivered to ID	SK/MB		**Well ID**: All volumetric activities, except SHUTIN , and well status is 'gas testing', 'CBM testing', 'shale testing' or 'water potential' as per infrastructure, then this is a valid 'active' well status. This volumetric activity reporting is only allowed for 3 consecutive months after initial status effective date.	Error	Well Id [value] is a 'testing/potential' well, and must not report volumetrics for more than three months. Volumetric data exists for production month [value] at facility [value].	VMS089

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
Received From/Delivered to ID	BC		**Well ID:** If activity is PROD, and well status is 'gas testing', as per infrastructure, then this is a valid 'active' well status. Reporting is only allowed for 3 months after initial status effective date.	Error	Well Id [value] is a 'testing/potential' well, and must not report production for more than three months. Volumetric data exists for production month [value] at facility [value].	VMS089
Received From/delivered to ID	AB		**Well ID**: If activity is PROD, and well status is 'crude oil', 'gas', 'CBM', 'helium', or 'shale', 'drilling/completing' as per infrastructure, then this is a valid 'active' well status. This PROD reporting is only allowed for 3 month after initial status effective date.	Error	Well Id [value] is a 'drilling/completing' well, and must not report production for more than three months.	VMS090
Received From/delivered to ID	BC		**Well ID**: If activity is PROD, and well status is 'COMP' as per infrastructure, then this is a valid 'active' well status. This PROD reporting is only allowed for 3 month after initial status effective date.	Error	Well Id [value] is a 'drilling/completing' well, and must not report production for more than three months.	VMS090
Received From/delivered to ID	SK/MB		**Well ID**: If activity is PROD, and well status is 'crude oil', 'gas', 'CBM' or 'shale', 'drilling/completing' as per infrastructure, then this is a valid 'active' well status. This PROD reporting is only allowed for 1 month after initial status effective date.	Error	Well Id [value] is a 'drilling/completing' well, and must not report production for more than one month.	VMS090
Received From/delivered to ID	AB		**Well ID**: If activity is PROD, and well is mineral brine minerals testing or testing completed as per infrastructure, then this is a valid 'active' well status. This PROD reporting is only allowed for 3 months after initial status effective date.		Well Id [{0}] is a Brine hosted minerals test well, and must not report production of hydrocarbons [{1}] for more than three months.	VMS360
Received From/delivered to ID	AB		**Well ID**: For wells with Mineral Brine Production Flowing and Pumping statuses, the Activity of Prod for Oil, Cond, and Gas should not be allowed. Incidental hydrocarbon production must be reported at a Mineral Brine Oil/Gas/Bit Flowing/Pumping well.		Well Id [{0}] is a Brine hosted minerals well. Activity [{1}] is only allowed with WATER and BRKWTR. Incidental production of hydrocarbons [{2}] must be reported at a CR-OIL/GAS/CR-	VMS361

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
					BIT well for production period [value].	
Received From/delivered to ID	SK/MB		**Well ID**: If activity is PROD, and well status is 'drill,prod' as per infrastructure, then this is a valid 'active' well status. This PROD reporting is only allowed for 1 month after initial status effective date.	Error	Well Id [value] is a 'drilling' well, and must not report production for more than one month.	VMS313
Received From/delivered to ID	AB		**Well ID**: If well status is 'potential', then product OIL and activity PROD cannot be reported for the production month.	Error	Well Id [value] is a 'potential' well, and must not report activity [value] and product [value].	VMS091
Received From/delivered to ID			**Well ID**: The well status, fluid, mode & type must be valid for the reported activity (see database validation tables).	Error	From/to well ID [value] is not valid for reported activity [value].	VMS092
Received From/delivered to ID			If the above edit (VMS092) is being performed from a Facility or Well infrastructure screen, then a different error message is provided. If the production month is before the effective date for shutin at suspended wells (2009-07), shutin at suspended wells volumetrics check will be ignored.	Error	Well Status is invalid for the Well [value]. Volumetric data exists for production month [value] at facility [value].	IFW752
Received From/delivered to ID	AB		**Well ID**: For all activities except REC and DISP, the well must be linked to the facility as per infrastructure, at some point in the production month.	Error	From/to well ID [value] is not linked to the facility [value], for activity [value].	VMS093
Received From/delivered to ID	SK/BC/MB		**Well ID**: For all activities except REC, DISP, and PURDISP, the well must be linked to the facility as per infrastructure, at some point in the production month.	Error	From/to well ID [value] is not linked to the facility [value], for activity [value].	VMS093
Received From/delivered to ID	AB		**Well ID:** For activity REC, well status must be 'drilled & cased', 'Preset' or initial (000000).	Error	From/to well ID [value] can only be a drilling well for activity [value].	VMS094
Received From/delivered to ID	BC		**Well ID:** For activity REC, well status must be 'COMP' (00,00,00,00).	Error	From/to well ID [value] can only be a drilling well for activity [value].	VMS094

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
Received From/delivered to ID	SK		**Well ID:** For activity REC, well status must be 'drill', 'cased', or 'comp'; well status must not be 'drill,prod'.	Error	From/to well ID [value] can only be a drilling, cased, or completed well for activity [value].	VMS314
Received From/delivered to ID	MB		**Well ID:** For activity REC, well status must be 'drill' or 'comp'; well status must not be 'drill,prod'.	Error	From/to well ID [value] can only be a drilling or completed well for activity [value].	VMS340
Received From/delivered to ID	AB		**Well ID:** For any production month on or after Saskatchewan "golive" on Petrinex - An activity REC may be reported from a valid unlinked SK well. For any production month on or after British Columbia "golive" on Petrinex - An activity REC may be reported from a valid unlinked BC well. For any production month on or after Manitoba "golive" on Petrinex - An activity REC may be reported from a valid unlinked MB well. Well must exist in infrastructure/well database tables and must not be linked to any facility in the reporting production month.	Error	From/to well ID [value] is not a valid well.	VMS086
Received From/delivered to ID	SK		**Well ID:** An activity REC may be reported from a valid unlinked AB well. For any production month on or after British Columbia "golive" on Petrinex - An activity REC may be reported from a valid unlinked BC well. For any production month on or after Manitoba "golive" on Petrinex - An activity REC may be reported from a valid unlinked MB well Well must exist in infrastructure/well database tables and must not be linked to any facility in the reporting production month.	Error	From/to well ID [value] is not a valid well.	VMS086
Received From/delivered to ID	BC		**Well ID:** An activity REC may be reported from a valid unlinked AB or SK well.	Error	From/to well ID [value] is not a valid well.	VMS086

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
			For any production month on or after Manitoba "golive" on Petrinex - An activity REC may be reported from a valid unlinked MB well Well must exist in infrastructure/well database tables and must not be linked to any facility in the reporting production month.			
Received From/delivered to ID	MB		**Well ID:** An activity REC may be reported from a valid unlinked AB, SK, or BC well. Well must exist in infrastructure/well database tables and must not be linked to any facility in the reporting production month.	Error	From/to well ID [value] is not a valid well.	VMS086
Received From/delivered to ID	AB		**Well ID:** For activity INJ, and product FSHWTR, the well status must be a 'water disposal' well. This edit is effective for the production month before 2009-08	Error	From/to well ID [value] can only be a water disposal well for activity [value] and product [value].	VMS095
Received From/delivered to ID	AB		**Well ID:** For activity PROD, and product CO2, the well status must be a 'CO2 pump' well.	Error	From/to well ID [value] can only be a CO2 pump well for activity [value] and product [value].	VMS177
Received From/delivered to ID	AB		**Well ID:** For activity INJ, and product FSHWTR, the well status must be a 'water disposal' or a 'water injection' well. This edit is effective for the production month equals to or greater than 2009-08	Error	From/to well ID [value] must be a water disposal well or a water injection well for activity [value] and product [value].	VMS222
Received From/delivered to ID	SK/MB		**Well ID:** For activity INJ, and product FSHWTR, the well status must be an active PROD/INJ, 'water disposal' or a 'water injection' well or a 'steam injection' well, and its well structure type must be not-applicable, reporting, or reporting for drain wells	Error	From/to well ID [value] must be a water disposal well or a water injection well for activity [value] and product [value].	VMS222
Received From/delivered to ID			**Well ID (prior periods):** For prior period submissions check that all "active" wells that need to be included on submission have a volumetric activity associated with them. Generate one message per well not complying	Warning	Well [value] has an active status, but has not been reported - volumetric reporting is required	VMS108

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
Received From/delivered to ID			**Water Source ID**: Must be an 11-character, alphanumeric identifier	Error	From/to water source ID [value] is not a valid water source.	VMS096
Received From/delivered to ID			**Water Source ID**: First and second characters of id must be that of the logged in jurisdiction.	Error	From/to water source ID [value] is not a valid water source.	VMS096
Received From/delivered to ID			**Water Source ID**: Third and fourth characters of id must be WS	Error	From/to water source ID [value] is not a valid water source.	VMS096
Received From/delivered to ID			**Water Source ID**: Remaining seven characters must be a valid 7 digit numeric value	Error	From/to water source ID [value] is not a valid water source.	VMS096
Received From/delivered to ID			**Water Source ID**: Water source must exist in infrastructure/water source database tables.	Error	From/to water source ID [value] is not a valid water source.	VMS096
Received From/delivered to ID		Yes	**Water Source ID**: Water source must have an 'active' status in infrastructure/facility database tables, for the reported production month.	Error	From/to facility ID [value] is not an "active"' facility for production month [value].	VMS083
Received From/delivered to ID	AB		**Water Source ID**: The product must be FSHWTR. Exception: BRKWTR should be allowed while reporting REC from water source wells (ABWS) at ABBT and ABIF	Error	Reported product [value] is not valid for a water source type from/to ID.	VMS097
Received From/delivered to ID	BC		**Water Source ID**: The product must be WATER.	Error	Reported product [value] is not valid for a water source type from/to ID.	VMS097
Received From/delivered to ID			**Miscellaneous ID**: If first and second characters of id are AB or SK or BC or MB, then there must be third and fourth characters. AB or SK or BC or MB on its own, is invalid.	Error	From/to miscellaneous ID [value] is not valid.	VMS098

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
Received From/delivered to ID			**Miscellaneous ID**: If first and second characters of id are AB or SK or BC or MB, then third and fourth must be one of the miscellaneous types. The from/to id must exist in infrastructure/miscellaneous database tables.	Error	From/to miscellaneous ID [value] is not valid.	VMS098
Received From/delivered to ID	AB		**Miscellaneous ID**: For any production month prior to British Columbia "go-live" on Petrinex: If first and second characters of id are BC, then the from/to id is validated against the infrastructure/miscellaneous database tables. These are **not** rejected, if failure to validate, but are recorded and a warning issued.	Warning	From/to miscellaneous ID [value] is not validated but accepted.	VMS099
Received From/delivered to ID	AB		**Miscellaneous ID**: For any production month prior to Saskatchewan "go-live" on Petrinex: If first and second characters of id are SK, then the from/to id is validated against the infrastructure/miscellaneous database tables. These are **not** rejected, if failure to validate, but are recorded and a warning issued.	Warning	From/to miscellaneous ID [value] is not validated but accepted.	VMS099
Received From/delivered to ID	AB		**Miscellaneous ID**: For any production month prior to Manitoba "go-live" on Petrinex: If first and second characters of id are MB, then the from/to id is validated against the infrastructure/miscellaneous database tables. These are **not** rejected, if failure to validate, but are recorded and a warning issued.	Warning	From/to miscellaneous ID [value] is not validated but accepted.	VMS099
Received From/delivered to ID	AB		**Miscellaneous ID**: If first and second characters of id are **not** AB, BC, SK, or MB, then they must be one of OS (Off Shore), other Canadian provinces or territories, or US states. The from/to id must exist in infrastructure/miscellaneous database tables. Any additional characters entered would just fail the existence test on the DB tables. (Note: MTGP and NTGP are valid entries).	Error	From/to miscellaneous ID [value] is not valid.	VMS098

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
Received From/delivered to ID	SK		**Miscellaneous ID**: For any production month prior to British Columbia "go-live" on Petrinex: If first and second characters of id are BC, then the from/to id is validated against the infrastructure/miscellaneous database tables. These are **not** rejected, if failure to validate, but are recorded and a warning issued.	Warning	From/to miscellaneous ID [value] is not validated but accepted.	VMS099
Received From/delivered to ID	SK		**Miscellaneous ID**: For any production month prior to Manitoba "go-live" on Petrinex: If first and second characters of id are MB, then the from/to id is validated against the infrastructure/miscellaneous database tables. These are **not** rejected, if failure to validate, but are recorded and a warning issued.	Warning	From/to miscellaneous ID [value] is not validated but accepted.	VMS099
Received From/delivered to ID	SK		**Miscellaneous ID**: If first and second characters of id are **not** SK or AB or BC (after British Columbia "go-live") or MB (after Manitoba 'go-live'), then they must exist in infrastructure/miscellaneous database tables. Any additional characters entered would just fail the existence test on the DB tables.	Error	From/to miscellaneous ID [value] is not valid.	VMS098
Received From/delivered to ID	BC		**Miscellaneous ID**: For any production month prior to Manitoba "go-live" on Petrinex: If first and second characters of id are MB, then the from/to id is validated against the infrastructure/miscellaneous database tables. These are **not** rejected, if failure to validate, but are recorded and a warning issued.	Warning	From/to miscellaneous ID [value] is not validated but accepted.	VMS099
Received From/delivered to ID	BC		**Miscellaneous ID**: If first and second characters of id are **not** SK or AB or BC or MB, then they must exist in infrastructure/miscellaneous database tables. Any additional characters entered would just fail the existence test on the DB tables.	Error	From/to miscellaneous ID [value] is not valid.	VMS098

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
Received From/delivered to ID			**Miscellaneous ID**: The miscellaneous ID must be valid for the reporting facility type (See Section 9). This test is in addition to the general activity/reporting facility type test.	Error	From/to miscellaneous ID [value] is not valid for the reporting facility type [value].	VMS100
Received From/delivered to ID			**Miscellaneous ID**: The miscellaneous ID must be valid for the product (See Section 10). This test is in addition to the general activity/product test.	Error	From/to miscellaneous ID [value] is not valid for product [value].	VMS101
Received From/Delivered to ID	AB		**Miscellaneous ID:** The miscellaneous ID AB EG is valid for injection facilities, IF, of subtype "506" for reporting of electrical generation for attached Oil Sands facilities.	Error	From/to miscellaneous ID [value] is not valid for the reporting facility [value], subtype [value].	VMS329
Received From/delivered to ID	SK		**Miscellaneous ID:** Injection facilities of subtype 506 may report receipts REC of product oxygen, O2, using miscellaneous ID "SK IN".	Error	From/to miscellaneous ID [value] is not valid for product [value].	VMS101
Received From/delivered to ID	MB		**Miscellaneous ID:** Injection facilities of subtype 506 may report receipts REC of product oxygen, O2, using miscellaneous ID "MB IN".	Error	From/to miscellaneous ID [value] is not valid for product [value].	VMS101
Received From/delivered to ID	AB		**Miscellaneous ID:** BT, CT, GP, GS, PL, and TM facilities may report REC or DISP ACGAS, AIR, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, C6-MX, C6-SP, CO2, CO2-MX, COND, DIESEL, ENTGAS, FSHWTR, GAS, IC4-MX, IC4-SP, IC5-MX, IC5-SP, LITEMX, N2, NC4-MX, NC4-SP, NC5-MX, NC5-SP, O2, OIL, SOLV, STEAM, SYNCRD, WASTE, WATER using miscellaneous ID "SK LF".	Error	From/to miscellaneous ID [value] is not valid for product [value].	VMS101
Received From/delivered to ID	SK		**Miscellaneous ID:** PL and GS facilities may report REC or DISP of products AIR, ALKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, GAS, HELIUM, IC4-MX, IC4-SP, IC5-MX, IC5-SP, N2, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, O2, OIL, POLYMER,	Error	From/to miscellaneous ID [value] is not valid for product [value].	VMS101

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
			SOLV, STEAM, SURF, SYNCRD, WASTE, WATER using miscellaneous ID "SK LF".			
Received From/delivered to ID	MB		**Miscellaneous ID:** PL and GS facilities may report REC or DISP of products AIR, ALKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, GAS, HELIUM, IC4-MX, IC4-SP, IC5-MX, IC5-SP, N2, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, O2, OIL, POLYMER, SOLV, STEAM, SURF, SYNCRD, WASTE, WATER using miscellaneous ID "MB LF".	Error	From/to miscellaneous ID [value] is not valid for product [value].	VMS101
Received From/delivered to ID	SK		**Miscellaneous ID:** BT, GS, GP, and PL facilities may report DISP of product GAS using miscellaneous ID "SK EG".	Error	From/to miscellaneous ID [value] is not valid for product [value].	VMS101
Received From/delivered to ID	MB		**Miscellaneous ID:** BT, GS, GP, and PL facilities may report DISP of product GAS using miscellaneous ID "MB EG".	Error	From/to miscellaneous ID [value] is not valid for product [value].	VMS101
Received From/delivered to ID	SK		**Miscellaneous ID:** BT, CT, GS, IF, PL and TM facilities may report REC or DISP of product HYDGN using miscellaneous ID "SK IN", "SK LF", or "SK MC".	Error	From/to miscellaneous ID [value] is not valid for product [value].	VMS101
Received From/delivered to ID	SK		**Miscellaneous ID:** GP facilities may report DISP of product C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, or C5-SP using miscellaneous ID "SK CO".	Error	Facility Type must be a GP when reporting From/To SK CO, Activity DISP, and Product C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, or C5-SP.	VMS339
Received From/delivered to ID	MB		**Miscellaneous ID:** GP facilities may report DISP of product C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, or C5-SP using miscellaneous ID "MB CO".	Error	Facility Type must be a GP when reporting From/To MB CO, Activity DISP, and Product C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, or C5-SP.	VMS339

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
Received From/delivered to ID	AB		If Product is GAS, Reporting Facility type is a AB GT and Activity is DISP, From/To facility to AB MC is not allowed.	Error	From/to miscellaneous ID [value] is not valid for Product [value], Activity [value] and Reporting Facility type is a geothermal facility.	VMS355
Received From/delivered to ID	AB		If Product is GAS, any Reporting Facility type (except a AB GT) and Activity is REC, then From/To facility of AB GT is not allowed.	Error	From/to [value] Product [value], Activity [value] is not valid for Reporting Facility [value].	VMS356
Received From/delivered to ID	AB		If Reporting Facility ID is not a geothermal facility (GT), Product is WATER, Activity is REC and Received From/delivered to ID is a geothermal facility (GT) then the GT can be of subtype 105 (open-loop geothermal facility) only. Exception: For Reporting Facility ID TM and PL refer to VMS106.	ERROR	From/to [value] Product [value], Activity [value] is not valid for Reporting Facility [value].	VMS356
Received From/delivered to ID	AB		If Reporting Facility ID is not a geothermal facility (GT), Product is a NGL (C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP), Activity is REC then Received From/delivered to ID of a geothermal facility (GT) is not allowed.	ERROR	From/to [value] Product [value], Activity [value] is not valid for Reporting Facility [value].	VMS356
Received From/delivered to ID	AB		If Reporting Facility ID is not a geothermal facility (GT), Product is OIL or COND, Activity is REC and Received From/delivered to ID is a geothermal facility (GT) then the GT cannot be of subtype 106 (Observation well geothermal facility) and subtype 107 (Power generating facility). Exception: For Reporting Facility ID TM and PL refer to VMS106.	ERROR	From/to [value] Product [value], Activity [value] is not valid for Reporting Facility [value].	VMS356
Received From/delivered to ID	AB		For the Reporting Facility that is a geothermal facility (GT), the only subtypes allowed to report OIL is 105. (VMS351).	ERROR	From/to [value] Product [value], Activity [value] is not valid for Reporting Facility [value].	VMS356

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
			If Reporting Facility ID is a geothermal facility (GT), Product is OIL, Activity is REC and Received From/delivered to ID is a geothermal facility (GT) then the Received From/delivered to ID cannot be of subtype 106 (Observation well geothermal facility) and subtype 107 (Power generating facility).			
Received From/delivered to ID	AB		For the Reporting Facility that is a geothermal facility (GT), the only subtypes allowed to report GAS are 101,102,105 and 107 (VMS351). For the Reporting Facility that is a geothermal facility (GT), the only subtype allowed to report WATER are 101, 102 and 105 (VMS351). If Reporting Facility ID is a geothermal facility (GT), Product is GAS or POWER or HEAT or WATER, Activity is REC and Received From/delivered to ID is a geothermal facility (GT) then the Received From/delivered to ID of subtype 106 (Observation well geothermal) is not allowed.	ERROR	From/to [value] Product [value], Activity [value] is not valid for Reporting Facility [value].	VMS356
Received From/delivered to ID	AB		For the Reporting Facility that is a geothermal facility (GT), the only subtype allowed to report WATER are 101, 102 and 105 (VMS351). If Reporting Facility ID is a geothermal facility (GT), Product is WATER, Activity is REC and Received From/delivered to ID is a geothermal facility (GT) then the Received From/delivered to ID of subtype 107 (Power generating facility) is not allowed.	ERROR	From/to [value] Product [value], Activity [value] is not valid for Reporting Facility [value].	VMS356
Supplementary Information	AB, SK		Batch: The Supplementary Information should be on the list supplied by the Ministry.	ERROR	The Supplementary Information [value] should be on the list supplied by the Ministry.	VMS244

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
Supplementary Information	AB		If Activity is REC, Product is OIL or COND, Received From/delivered to ID is an ABMC or an unlinked well and volume is greater than or equal to 10.0 m3 then supplementary information is required.	ERROR	Supplementary Information is required for Activity [REC], Product [value], From/to [value] and Volume [value].	VMS245
Supplementary Information	SK		If Activity is REC, Product is OIL or COND, Received From/delivered to ID is a SKMC or an unlinked well then supplementary information is required.	ERROR	Supplementary Information is required for Activity [REC], Product [value], From/to [value] and Volume [value].	VMS245
Supplementary Information	AB, SK		Supplementary information is only valid if Activity is REC, Product is OIL or COND, Received From/delivered to ID is an ABMC or SKMC or an unlinked well.	ERROR	Supplementary information is not valid for the reported volumetric record. Activity [REC], Product [value] and From/to [value].	VMS246
Supplementary Information	AB, SK		Selection "Skim Oil" as supplementary information is not allowed if Reporting Facility ID is not an injection facility (IF), and Activity is REC, Product is OIL or COND, and Received From/delivered to ID is an ABMC or SKMC.	ERROR	Supplementary Information selection [Skim Oil] for Reporting Facility subtype [value], Activity [REC], Product [value] and From/to [value] is not allowed.	VMS247
Reason	AB, SK		If supplementary information is selected and require reason a reason is required.	ERROR	Reason is required for Activity [REC], Product [value] and From/to [value].	VMS248
Reason	AB, SK		Reason cannot exceed 250 characters.	ERROR	Reason [value] cannot exceed 250 characters.	VMS249
Volume			If reported: Volume must be a valid numeric value	Error	Reported volume [value] is not numeric.	VMS111
Volume			If reported: Volume must be a valid number; max 9 digits before the decimal and max 1 digit after the decimal place	Error	Reported volume [value] is an invalid format, max 9 digits before the decimal and max 1 digit after the decimal place.	VMS112
Volume			Reported Volume cannot be zero.	Error	Reported volume cannot be zero.	VMS118
Volume			Except for the following two exceptions, volume cannot be blank…	Error	Activity [value] reported with no volume.	VMS113

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
Volume			**Exception 1:** If activity shut-in (SHUTIN) is reported, then a volume must not be reported.	Error	Activity [value] cannot be reported with a volume.	VMS114
Volume	AB		**Exception 2:** If a well is classified as a heavy oil well or crude bitumen well as per infrastructure, then a PROD activity may optionally submit a blank volume, as long as hours are entered, and product is blank.	Error	For blank volume, hours is required, with a blank product, for activity [value] for 'heavy oil' or 'crude bitumen' wells.	VMS115
Volume	SK/MB		**Exception 2:** If a well linked to a facility subtype, ~~317~~ 313, 325, 326 or 327 , then a PROD activity may submit a blank volume, as long as hours are entered, and product is blank. (CrudeOilDensityTypeT731)	Error	For blank volume, hours is required, with a blank product, for activity [value] for 'heavy crude oil' wells.	VMS315
Volume			If reported: Volume must be a positive number, except for the following four exceptions…	Error	Reported volume [value] must be a positive number, for activity [value] and product [value].	VMS116
Volume			**Exception 1**: If activity is FRAC, and product is a mix product, then volume must be negative.	Error	Reported volume [value] must be a negative number, for activity [value] and product [value].	VMS117
Volume			**Exception 2**: If activity is FRAC, and product is a spec product, then volume must be positive.	Error	Reported volume [value] must be a positive number, for activity [value] and product [value].	VMS116
Volume			**Exception 3**: If activity is INVADJ, then positive and negative are allowed. Except where a BT submitting OIL or COND (and not the first month of Petrinex go-live), then must be negative.	Error	Reported volume [value] must be a negative number, for activity [value] and product [value].	VMS117
Volume			**Exception 4:** If activity is LDINVADJ, volume may be positive or negative.	Information	No error message.	
Volume	SK		**Exception 5**: If activity is STINVADJ, volume may be positive or negative.	Information	No error message.	
Energy			If reported: Energy must be a valid numeric value	Error	Reported energy [value] is not numeric.	VMS121

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
Energy			If reported: Energy must be a valid 'whole' number with a maximum of 10 digits.	Error	Reported energy [value] is an invalid format, whole number with a max of 10 digits only.	VMS122
Energy			Reported Energy cannot be zero.	Error	Reported energy cannot be zero.	VMS128
Energy			If reported: Energy cannot be reported as a negative number.	Error	Reported energy [value] cannot be a negative number.	VMS123
Energy			Energy can only be entered for product GAS	Error	Energy can only be entered for the product GAS.	VMS125
Energy			Energy cannot be entered where identifier is a well. See exception below.	Error	Energy can not be entered where identifier is a well.	VMS126
Energy	AB		Energy must be entered for transactions as per the 'Gas Component and Energy Reporting' table in the NGL In-Stream Component (ISC) submission unit task. See exceptions below.	Error	Energy must be reported for activity [value] and product [value].	VMS124
Energy	AB		**Exception:** Energy is required for all submitted AB Injection Facility Gas dispositions.	Error	Energy must be reported for a DISP of GAS submitted by an AB IF.	VMS326
Energy	AB		**Exception:** Energy is required for all auto-created AB Injection Facility Gas dispositions.	Error	Energy must be reported for a REC of GAS from an AB IF.	VMS327
Energy	SK/BC/MB		Energy must be entered for transactions. (See Section 4)	Error	Energy must be reported for activity [value] and product [value].	VMS124
Energy			If reported: Energy must be 'reasonable' compared to the volume entered. Energy should lie between 25 and 60 times the volume.	Warning	Reported energy [value] is not reasonable compared to reported volume [value], range is [value] to [value].	VMS127
Heat	SK		If reported: Heat must be a valid numeric value; max 2 digits before the decimal and max 2 digits after the decimal place. Heat cannot be negative.	Error	Reported heat [value] is an invalid format, max 2 digits before the decimal and max 2 digits after the decimal place.	VMS317

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
Heat	SK		Heat can only be entered for product GAS, and activity PROD.	Error	Heat is not allowed for product [value] and activity [value].	VMS318
Heat	SK		Heat is required if reporting facility is a battery (BT), and the well is a gas producer reporting production (PROD) of GAS.	Error	Heat is required for reporting facility [value], well [value], activity [value], and product [value].	VMS319
Heat	SK		The Heat Value, where it is required, is to be entered and must be greater than or equal to 25.	Error	The heat value must be greater than or equal to 25.	VMS330
Hours			If reported: Hours must be a valid numeric value	Error	Reported hours [value] is not numeric.	VMS131
Hours			If reported: Hours must be a valid 'whole' number with a maximum of 3 digits.	Error	Reported hours [value] is an invalid format, whole number with a max of 3 digits only	VMS132
Hours			If reported: Hours cannot be reported as zero.	Error	Reported hours cannot be zero.	VMS133
Hours			If reported: Hours cannot be reported as a negative number.	Error	Reported hours [value] cannot be a negative number.	VMS134
Hours			Hours must only be reported for activities "production" (PROD) and "injection" (INJ). Must be blank otherwise.	Error	Hours must be blank for reported activity [value] and product [value].	VMS135
Hours			Must only report the hours once for a well ID and production activity (PROD). Regardless of the number of product entries for the PROD activity, only one may contain hours. This reflects total hours production for the well. This is for a reporting facility - production could be reported at more than one facility.	Error	Hours reported more than once for well ID [value] and activity [value].	VMS136
Hours	AB		If a well is classified as a heavy oil well or crude bitumen well as per infrastructure, then a PROD activity may optionally submit no hours, as long as a volume is entered, and a product is entered. But if product GAS is reported, hours is required.	Error	For blank hours, volume and product are required, for activity [value] for 'heavy oil' or 'crude bitumen' wells.	VMS119

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
Hours	AB		If a well is NOT classified as a heavy oil well or crude bitumen well as per infrastructure, then hours must be reported for PROD activity at well. But if a well is classified as a heavy oil well or crude bitumen well as per infrastructure, then hours must be reported for PROD activity and product GAS at well.	Error	Hours must be reported for well ID [value] and activity [value].	VMS141
Hours	SK/MB		If a well is linked to a facility subtype 313,325, 326 or 327, then a PROD activity may submit no hours, as long as a volume is entered, and a product is entered.	Error	For blank hours, volume and product are required, for activity [value] for 'heavy crude oil' wells.	VMS316
Hours	SK/MB		If a well is NOT classified as a heavy crude well as per infrastructure, then hours must be reported well ID [value] and activity for PROD activity at well.	Error	Hours must be reported for well ID [value] and activity [value].	VMS141
Hours	BC		Hours must be reported for PROD activity at well.	Error	Hours must be reported for well ID [value] and activity [value].	VMS141
Hours	AB/BC		An individual hours entry cannot exceed the hours in a production year month. Except for the following three exceptions, total hours equals the days in the month (28, 29, 30 or 31) multiplied by 24 hours…	Error	Reported hours [value] exceeds the hours in the production month.	VMS138
Hours	SK/MB		For a particular well id, reported PROD hours cannot exceed the hours in a production year month. Except for the following three exceptions, total hours equals the days in the month (28, 29, 30 or 31) multiplied by 24 hours…	Error	Reported hours [value] exceeds the hours in the production month.	VMS138
Hours	AB/BC/MB		**Exception 1:** For daylight savings time... For production months **prior to 2007**, for the month of April, the maximum number of hours allowed is 720.	Error	Reported hours [value] exceeds the hours in the production month.	VMS138

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
			For production months **2007 and onwards**, for the month of March, the maximum number of hours allowed is 744.			
Hours	AB/BC/MB		**Exception 2:** For daylight savings time… For production months **prior to 2007**, for the month of October, the maximum number of hours allowed is 745. For production months **2007 and onwards**, for the month of November, the maximum number of hours allowed is 721.	Error	Reported hours [value] exceeds the hours in the production month.	VMS138
Hours			**Exception 3:** For leap year: the month of February, the maximum number of hours allowed is 696.	Error	Reported hours [value] exceeds the hours in the production month.	VMS138
Hours			If "injection" (INJ) activity for a well is reported more than once, the total reported hours for the well must not exceed the hours for the month.	Error	Sum of injection hours exceeds hours for the month.	VMS139
Hours			If PROD and/or INJ activities are reported and the well is linked to more than one facility for a production year month, then Petrinex will accumulate the PROD & INJ hours together for the well and then compare the hours with the total hours in the production year month. **Exception**: If a SAGD (Alberta), or PROD/INJ (Saskatchewan/Manitoba), well, then see following VMS142 and VMS143 edits. **Exception**: This does not apply to a well that is linked to a Geothermal facility (AB).	Error	Sum of production/injection hours exceeds hours for month for well ID [value]. The well is also linked to these facility ids [value].	VMS140
Hours	AB		If a SAGD well, then total PROD hours (including any from well linked to other facilities during the production month) must not exceed the total hours in the production month.	Error	Sum of production hours exceeds hours for month for well ID [value]. The well is also linked to these facility ids [value].	VMS142
Hours	AB		If a SAGD well, then total INJ hours (including any from well linked to other facilities during the	Error	Sum of injection hours exceeds hours for month for well ID	VMS143

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
			production month) must not exceed the total hours in the production month.		[value]. The well is also linked to these facility ids [value].	
Hours	SK/MB		If a PROD/INJ well, then total PROD hours (including any from well linked to other facilities during the production month) must not exceed the total hours in the production month.	Error	Sum of production hours exceeds hours for month for well ID [value]. The well is also linked to these facility ids [value].	VMS142
Hours	SK/MB		If a PROD/INJ well, then total INJ hours (including any from well linked to other facilities during the production month) must not exceed the total hours in the production month.	Error	Sum of injection hours exceeds hours for month for well ID [value]. The well is also linked to these facility ids [value].	VMS143
Hours	AB		If well status is 'drilling & completing', then hours must not be entered.	Error	Hours must be blank, for activity [value] at [value] well, [value]	VMS144
Hours	SK/MB		If well status is 'drill, prod', then hours must not be entered.	Error	Hours must be blank, for activity [value] at [value] well, [value]	VMS144
Hours	AB		Hours must be reported for INJ activity, Product WATER at well linked to a Geothermal facility.	Error	Hours must be reported for well ID [value] and activity [value].	VMS141
CCI code			The CCI code can only be blank or 1 - 9. For AB, CCI column will be labelled "Seq" for a Geothermal facility (GT).	Error	[CCI code] [value] is not valid.	VMS151
CCI code			Must be blank if activity is not INJ or GT temperature activities.	Error	[CCI code] must be blank with activity [value].	VMS152
CCI code			When more than one product is reported for INJ at the same from/to well ID, a CCI code of 1 - 9 must be reported. Blank is allowed if only one is reported.	Error	CCI code is missing	VMS153
CCI code			When reporting multiple products for a well id, each CCI code must have one & only one hours entry. With concurrent reporting only one of the multiple entries should have an hours figure. With consecutive reporting each entry represents one injection, and therefore has an hours entry also.	Error	Multiple hours entered for CCI Code [value].	VMS154
CCI code			Each CCI code must have 1 hours figure reported. This error message is returned when none is found	Error	Hours must be reported for CCI code [value]	VMS155

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
			for a particular CCI code. Exception: Hours is not required for GT temperature activities.			
Wellhead Injection Temperature	BC		If reported: Temperature must be a valid numeric value; max 2 digits before the decimal and max 1 digit after the decimal place. Temperature can be negative.	Error	Reported temperature [value] is an invalid format, max 2 digits before the decimal and max 1 digit after the decimal place.	VMS331
Wellhead Injection Temperature	BC		Temperature can only be entered for activity INJ.	Error	Temperature is not allowed for activity [value].	VMS332
Wellhead Injection Temperature	BC		Temperature is required if reporting facility is an injection facility (IF), and the well status is 'active, disposal/injection, acid/CO2'.	Error	Temperature is required for reporting facility [value], well [value], and activity [value].	VMS333
Wellhead Injection Temperature	BC		Temperature, where it is required, is to be entered and must be greater than or equal to -20.0 and less than or equal to 99.9.	Error	Temperature must be greater than or equal to -20.0C and less than or equal to 99.9C.	VMS334
Maximum Wellhead Pressure	BC		If reported: Pressure must be a valid numeric value; a whole number, no decimals. Pressure can be negative.	Error	Reported pressure [value] is an invalid format, whole number with no decimals.	VMS335
Maximum Wellhead Pressure	BC		Pressure can only be entered for activity INJ.	Error	Pressure is not allowed for activity [value].	VMS336
Maximum Wellhead Pressure	BC		Pressure is required if reporting facility is an injection facility (IF), and the well status is 'active, disposal/injection, Exception activity of "SHUTIN" does not require a pressure value.	Error	Pressure is required for reporting facility [value], well [value], and activity [value].	VMS337
Maximum Wellhead Pressure	BC		Pressure, where it is required, is to be entered and must be greater than or equal to -5001 and less than or equal to 99999.	Error	Pressure must be greater than or equal to -5001kPa and less than or equal to 99999kPa.	VMS338
Average Wellhead Pressure	MB		If reported: Pressure must be a valid numeric value; a whole number, no decimals. Pressure cannot be negative.	Error	Reported pressure [value] is an invalid format, must be a positive whole number with no decimals.	VMS239

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
Average Wellhead Pressure	MB		Pressure can only be entered for activity INJ.	Error	Pressure is not allowed for activity [value].	VMS336
Average Wellhead Pressure	MB		Pressure can only be reported if reporting facility is an injection facility (IF), and the well status is 'active and disposal or injection or producing & injecting'.	Error	Pressure cannot be reported for reporting facility [value] and well [value].	VMS240
Average Wellhead Pressure	MB		Prior to 2022-03 production month, it is not valid to enter a Pressure value.	Error	Pressure cannot be entered prior to 2022-03.	VMS243
Average Wellhead Pressure	MB		Pressure is required if reporting facility is an injection facility (IF), and the well status is 'active and disposal or injection or producing & injecting'.	Error	Pressure is required for reporting facility [value], well [value], and activity [value].	VMS337
Average Wellhead Pressure	MB		Pressure, where it is required, is to be entered and must be greater than or equal to 0 and less than or equal to 20,000.	Error	Pressure must be greater than or equal to 0kPa and less than or equal to 20000kPa.	VMS242
Proration factor			Proration factor must be a valid numeric value	Error	Reported proration factor [value] is not numeric.	VMS161
Proration factor			Proration factor must be a valid number; max 1 digit before the decimal and max 5 digits after the decimal place	Error	Reported proration factor [value] is an invalid format, max 1 digit before the decimal and max 5 digits after the decimal place.	VMS162
Proration factor			Proration factor must be greater than zero. No zero or negative factors.	Error	Reported proration factor [value] must be greater than zero.	VMS163
Proration factor			There must be a maximum of: 1 - OIL, 1 - GAS and 1 - WATER proration factor record for a submission.	Error	There is more than one [product value] proration factor entry within the submission.	VMS164
Proration factor			To report a proration factor the facility type must only be a battery (BT) or a custom treater (CT) or a Terminal (TM).	Error	Reporting facility type [value] cannot report a proration factor.	VMS165
Proration factor	SK/MB		To report a proration factor the facility type must only be a battery (BT) of subtype	Error	Reporting facility type [value], subtype [value], cannot report a proration factor.	VMS175

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
			362,322,315,327,344,363,364 (Gas Multiwell Effluent Measurement Battery).			
Proration factor			If the reporting facility type is a battery (BT), the only valid products for proration factors are OIL, GAS, and WATER.	Error	Product [value] is not valid for a proration factor.	VMS166
Proration factor			If the reporting facility type is a custom treater (CT) or a Terminal (TM), the only valid products for proration factors are OIL and WATER.	Error	Product [value] is not valid for a proration factor.	VMS166
Proration factor	AB		If activity "production" (PROD) is reported for product OIL, GAS (or HELIUM), COND, or WATER, and the facility sub-type is a "proration battery" as per infrastructure (currently subtype 322, 342, 344, 345, 362, 363, 364, 366, 367), then the corresponding proration factor must be reported. Note: For product of HELIUM, GAS proration factor applies.	Error	[value] proration factor is missing for activity [value], product [value].	VMS167
Proration factor	BC		If activity "production" (PROD) is reported for product OIL, GAS or WATER, and the facility sub-type is a "proration battery" as per infrastructure (currently subtype 322, 362, and 364), then the corresponding proration factor must be reported.	Error	[value] proration factor is missing for activity [value], product [value].	VMS167
Proration factor	SK		If activity PROD or STREC is reported for product OIL, GAS or WATER, and the facility sub-type is a "proration battery" as per infrastructure (currently subtype 322, 327, 344, 362, 363, and 364), then the corresponding proration factor must be reported. NOTE: OIL here means OIL or COND If activity is PURREC and facility is a custom treater, of subtype 611, then an OIL proration factor must be supplied for products "OIL", "COND", or "C5-SP".	Error	[value] proration factor is missing for activity [value], product [value].	VMS167

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
Proration factor	MB		If activity PROD is reported for product OIL, GAS or WATER, and the facility sub-type is a "proration battery" as per infrastructure (currently subtype 322, 327, 344, 362, 363, and 364), then the corresponding proration factor must be reported. NOTE: OIL here means OIL or COND If activity is PURREC and facility is a custom treater, of subtype 611, then an OIL proration factor must be supplied for products "OIL", "COND", or "C5-SP".	Error	[value] proration factor is missing for activity [value], product [value].	VMS167
Proration factor			If activity "receipt" (REC) is reported for product OIL or WATER, and the facility is a "custom treater" (CT) as per infrastructure, then the corresponding proration factor must be reported. Note: OIL here means OIL, COND or C5-SP. Note: A similar case does **not** apply to TM, as it is not required to report a proration factor for a TM REC.	Error	[value] proration factor is missing for activity [value], product [value].	VMS167
Proration factor	AB		If a proration factor is reported, then the corresponding activity/product must be reported. For example, BT PROD OIL/GAS/WATER. (Note: for a GAS proration factor, PROD of GAS or HELIUM is valid). For example, CT REC OIL/WATER. For example, TM REC OIL/WATER. Note: For a CT, OIL here means OIL, COND or C5-SP. For a Facility of subtype 362, 364 and 367 OIL here means OIL or COND	Error	Reported proration factor requires an activity [value] of product [value] to be reported.	VMS171
Proration factor	BC		If a proration factor is reported, then the corresponding activity/product must be reported. For example, BT PROD OIL/GAS/WATER. For	Error	Reported proration factor requires an activity [value] of product [value] to be reported.	VMS171

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
			example, CT REC OIL/WATER. For example, TM REC OIL/WATER. Note: For a CT, OIL here means OIL, COND or C5-SP. For a Facility of subtype 362 OIL here means OIL or COND			
Proration factor	SK		If a proration factor is reported, then the corresponding activity/product must be reported. For example… • OIL proration factor, then PROD, STREC, or PURREC of OIL must be reported. • WATER proration factor, then PROD of WATER or FSHWTR must be reported. • GAS proration factor, then PROD or STREC of GAS, HELIUM, SO2, or HYDGN must be reported. • OIL or WATER proration factor, then REC of OIL or WATER at a CT must be reported • OIL or WATER proration factor, then REC of OIL or WATER at a TM must be reported • OIL proration factor. then a PURREC of OIL must be reported at a CT of subtype 611. Note: OIL here means OIL or COND	Error	Reported proration factor requires an activity [value] of product [value] to be reported.	VMS171
Proration factor	MB		If a proration factor is reported, then the corresponding activity/product must be reported. For example… • OIL proration factor, then PROD or PURREC of OIL must be reported.	Error	Reported proration factor requires an activity [value] of product [value] to be reported.	VMS171

Classification: Protected A

Data Element Name	Jurisdiction	Cross-border Receiving Jurisdiction Edit	Validation Rule	Result Type	Message	Message Number
			• WATER proration factor, then PROD of WATER or FSHWTR must be reported. • GAS proration factor, then PROD of GAS, HELIUM, or SO2 must be reported. • OIL or WATER proration factor, then REC of OIL or WATER at a CT must be reported • OIL or WATER proration factor, then REC of OIL or WATER at a TM must be reported • OIL proration factor. then a PURREC of OIL must be reported at a CT of subtype 611. Note: OIL here means OIL or COND			
Proration factor			Product cannot be blank for proration factor.	Error	Product cannot be blank for proration factor.	VMS168
Proration factor			Factor cannot be blank for proration factor	Error	Factor cannot be blank for proration factor.	VMS169
Proration factor			Product must be a valid product in the database for reported proration factor	Error	Reported proration factor product [value] is not valid.	VMS170
Proration factor			Proration factor cannot be reported for single well battery	Error	Reporting facility subtype [value] cannot report a proration factor.	VMS176
Entire Submission			Post SK 'go-live': if there are any validated cross-border rows in this submission, then issue warning that rows may be validated again (and accepted/rejected) within other jurisdiction.	Warning	Cross-border activity rows are subject to further validation by other jurisdiction.	VMS320

Classification: Protected A

2. IN-STREAM COMPONENT SUBMISSION EDITS

Edits are the business rules that are applied to information submitted to Petrinex.

The jurisdiction is left blank to indicate all jurisdictions.

Data Element Name	Jurisdiction	Validation Rule	Result Type	Message	Message Number
ISC Product Code		ISC row must be linked to a valid GAS volumetric record.	Error	ISC product [value], volume [value] and energy [value] must be associated with a valid GAS volumetric row.	VMS183
ISC Heat Value		For reported volume and energy (only for cases where volume > 2 and energy > 65): the derived heat value (energy / volume) must be within the valid range for the ISC product code. This applies to those ISC products where the heat value range is not 0 (zero).	Error	ISC energy [value] and volume [value] are outside the heat value range ([value] – [value]) for product [value].	VMS206
ISC Product Code		Must be a valid ISC product	Error	ISC product [value] is not valid.	VMS221
ISC Product Code		ISC reporting is only required under certain criteria, which are detailed below	Error	ISC reporting is not required for the reported volumetric record, activity [value], product [value], from/to id [value].	VMS181
Total ISC Volume		Total ISC volume (sum of ISC volumes), rounded to one decimal place, must equal volume of linked volumetric record within a tolerance of +/- 0.100	Error	Sum of ISC volumes ([value]) must equal volume of volumetric record ([value]) (+/- 0.100).	VMS184
ISC Volume		Cannot be blank if ISC Product Code reported. NOTE: Applicable to batch load process.	Error	ISC volume cannot be blank.	VMS193
ISC Volume		Must be a valid numeric value	Error	ISC volume [value] is not numeric.	VMS190

Data Element Name	Jurisdiction	Validation Rule	Result Type	Message	Message Number
ISC Volume		ISC volume [value] must be a valid number; max 9 digits before the decimal and max 3 digits after the decimal place. NOTE: When less then 3 digits are entered after the decimal, the system will pad the remaining digit(s) with zeroes. When more than 3 digits are entered: • (online) the system will error on a syntax check and ultimately reject the submission • (batch) the system will reject the submission	Error	ISC volume [value] is an invalid format, max 9 digits before the decimal and max 3 digits after the decimal place.	VMS191
ISC Volume		Must be a positive number.	Error	ISC volume [value] must be a positive number.	VMS192
ISC Volume		Cannot be zero	Error	ISC volume cannot be zero.	VMS194
ISC Hours		Must be blank. NOTE: Applicable to batch load process.	Error	ISC hours [value] must be blank.	VMS196
ISC CCI Code		Must be blank. NOTE: Applicable to batch load process.	Error	ISC CCI code [value] must be blank.	VMS198
ISC From/To		Cannot be blank	Error	ISC from/to identifier cannot be blank.	VMS199
Total ISC Energy		Total ISC energy (sum of ISC energies), rounded to a whole number, must equal energy of linked volumetric record within a tolerance of +/- 1.000	Error	Sum of ISC energies ([value]) must equal energy of volumetric record ([value]) (+/-1.000).	VMS185
ISC Energy		Must be blank, if the heat range value is 0 (zero). NOTE: Applicable to batch load process.	Error	ISC energy must be blank for product [value].	VMS205
ISC Energy		Cannot be blank, if the heat range value is **not** 0 (zero).	Error	ISC energy cannot be blank for product [value].	VMS207
ISC Energy		Must be a valid numeric value	Error	ISC energy [value] is not numeric.	VMS200
ISC Energy		ISC energy [value] must be a valid number; max 10 digits before the decimal and max 3 digits after the decimal place. NOTE: When less then 3 digits are entered after the decimal, the system will pad the remaining digit(s) with zeroes. When more than 3 digits are entered:	Error	ISC energy [value] is an invalid format, max 10 digits before the decimal and max 3 digits after the decimal place.	VMS201

Classification: Protected A

Data Element Name	Jurisdiction	Validation Rule	Result Type	Message	Message Number
		• (online) the system will error on a syntax check and ultimately reject the submission • (batch) the system will reject the submission			
ISC Energy		Must be a positive number.	Error	ISC energy [value] must be a positive number.	VMS202
ISC Energy		Cannot be zero	Error	ISC energy cannot be zero.	VMS203
ISC Activity		The combination of activity, product and from/to identifier must be unique for a reporting facility and production month.	Error	ISC activity [value], product [value] and from/to identifier [value] have been reported multiple times for this reporting facility and production month.	VMS182
ISC Activity		Cannot be blank	Error	ISC activity cannot be blank.	VMS210
ISC Activity		Must be a valid activity (see database activity table).	Error	ISC activity [value] is not valid.	VMS211
ISC Product		Cannot be blank	Error	ISC product cannot be blank.	VMS220
ISC Product		Must be a valid product (see database product table).	Error	ISC product [value] is not valid.	VMS221

Classification: Protected A

3. HEAT RANGE FOR ISC PRODUCTS

ALBERTA ONLY

ISC Product Code	ISC Product Description	Heat Value Range
C1-IC	Methane	36.000 - 38.700
C2-IC	Ethane ISC	63.000 – 69.000
C3-IC	Propane ISC	91.000 – 97.000
C4-IC	Butane ISC	118.500 – 124.700
C5+-IC	Pentane plus ISC	145.700 – 290.000
CO2-IC	Carbon Dioxide ISC	0.000 – 0.000
H2-IC	Hydrogen ISC	9.000 – 15.000
H2S-IC	Hydrogen Sulphide ISC	20.800 – 26.800
HE-IC	Helium ISC	0.000 – 0.000
N2-IC	Nitrogen ISC	0.000 – 0.000
O2-IC	Oxygen ISC	0.000 – 0.000
SUL-IC	Sulphur ISC	0.000 – 0.000

4. GAS COMPONENT AND ENERGY REPORTING TABLE

This table identifies the specific situations that require reporting of energy and/or ISC data when submitting volume data to Petrinex.

Gas Component and Energy Reporting Table

- Volumetric energy reporting is required where the 'Volumetric Energy Edit' is 'Yes'.

- ISC reporting is required where there is a 'NGL Rule'.

- Volumetric energy reporting will also be required where ISC reporting is required.

- This table is a living table in that it will be updated if there is a reoccurring situation where DOE energy defaults are applied for royalty purposes against volumetric activity not covered by the existing energy edits.

- Table only shows activities which may be manually entered.

- Meter Station subtype 634 does not require ISC reporting.

Reporting Facility	Product	Activity	From/To	Volumetric Energy Edit	NGL Rule	Auto pop ISC
AB MS (631, 637)	GAS	DISP	AB PL	Yes	6a	No
AB MS (631, 637)	GAS	REC	AB/BC/SK/MB Any	Yes	6a	Yes (only for reporting facilities)
AB MS (632, 638, 633, 639)	GAS	DISP	AB/BC/SK/MB Any	Yes	6a	Yes (only to IF)
AB MS (632, 638, 633, 639)	GAS	REC	AB PL (only the linked PL allowed)	Yes	6a	No
AB MS (634)	GAS	DISP	AB PL (only the linked PL allowed)	Yes	N/A	No
AB MS (634)	GAS	REC	AB PL (only the linked PL allowed)	Yes	N/A	No
AB MS (640)	GAS	DISP	AB PL (only the linked PL allowed)	Yes	6a	No

Reporting Facility	Product	Activity	From/To	Volumetric Energy Edit	NGL Rule	Auto pop ISC
AB GP$_{MS}$	GAS	REC	AB BT, AB GS, AB GP	Yes	6c	Yes
AB GP$_{FS}$	GAS	REC	AB BT, AB GS, AB GP	Yes	6d	Yes
AB IF	GAS	REC	AB Any	Yes	6b	Yes (but not to a PL)
AB IF	GAS	REC	BC/SK/MB Any	Yes	6b	No
AB BT, AB GS, AB GP	GAS	DISP	Any non reporting AB MS or AB PL facility	Yes	6e	No
AB GT	GAS	REC	AB BT, AB GS, AB GP	Yes	6e	Yes
AB BT, AB GS, AB GP	GAS	DISP	AB RE, AB CO, AB IN, AB EG, AB R1, AB R2, AB MC, AB OT	Yes	6e	No
AB BT, AB GS, AB GP	GAS	DISP	Non AB	Yes	6f	No
AB BT, AB GS, AB GP	GAS	PURDISP	AB BT, AB GS, AB GP	Yes	N/A	N/A
AB IF (subtype 506)	GAS	DISP	AB EG	Yes	6b	No
AB TM	GAS	REC	AB BT, AB GS, AB GP	Yes	6c	Yes
SK BT, SK GS, SK GP, SK PL	GAS	DISP	SK EG	No	N/A	N/A

GP$_{FS}$ represents only field straddles

GP$_{MS}$ represents only mainline straddles

5. UNIT OF MEASUREMENT

The following shows the unit of measurement that reported volumes should be made in, for different product groupings.

Volume unit of measurement …

For gas & gas equivalent products: **10^3m^3 (thousands of cubic metres)**

For liquids: **m^3 (cubic metres)**

For Helium: **m^3 (cubic metres)**

For sulphur: **MTS (metric tonnes)**

For energy: **GJ (gigajoules)**

For Heat**: kJ (kilojoules)**

For Power: **kWh (kilowatt-hour)**

For temperature activities: **°C (degree Celsius)**

Saskatchewan:

For heat value: **MJ/m^3 (megajoule/cubic metre)**

For CO2-MX, CO2-SP **m^3 (cubic metres)**

British Columbia:

For wellhead injection temperature: **°C (degree Celsius)**

For maximum wellhead pressure: **kPa (kilopascal)**

Manitoba:

For average wellhead pressure: **kPa (kilopascal)**

6. ACTIVITY CODE /FACILITY TYPE VALIDATION TABLE- INPUTS

(vprActvtyFacValdtnT753 dated March 11, 2024)

The following table shows the rules applied when validating activities submitted for the reporting facility type.

ALBERTA

Activity Code	Facility Types Allowed
BHAVG	GT
BHMAX	GT
BHMIN	GT
DIFF	OS
DISP	BT, CT, GP, GS, IF, MS, OS, PL, RF, TM, WP
EMIS	BT, GP, GS, IF, RF
FLARE	BT, CT, GP, GS, GT, IF, PL, RF, TM, WP
FLARWAST	OS
FRAC	GP
FUEL	BT, CT, GP, GS, GT, IF, OS, PL, RF, TM, WP
FURPROC	OS
INJ	GT, IF
INVADJ	BT, CT, GP, GS, GT, IF, OS, PL, RF, TM, WP
INVCL	BT, CT, GP, GS, GT, IF, OS, PL, RF, TM, WP
ISREC	BT
ISINJ	BT
ISINVADJ	BT
LDINJ	BT, GS, GT
LDINVADJ	BT, GS, GT
LDREC	BT, GS, GT
MINED	OS
PLTUSE	GP, GT, IF, OS
PROC	GT, OS
PROD	BT, GS, GT, IF, OS
PURDISP	BT, CT, GP, GS, IF, MS, PL, RF, TM
PURREC	BT, GP, GS, IF
REC	BT, CT, GP, GS, GT, IF, MS, OS, PL, RF, TM, WP
RECYC	IF
ROYALTY	BT, GS
SHR	BT, CT, GP, PL, TM

Activity Code	Facility Types Allowed
SHUTIN	BT, CT, GP, GS, GT, IF, MS, OS, PL, RF, TM, WP
UTIL	IF
VENT	BT, CT, GP, GS, GT, IF, PL, RF, TM, WP
WHIAVG	GT
WHIMAX	GT
WHIMIN	GT
WHOAVG	GT
WHOMAX	GT
WHOMIN	GT

SASKATCHEWAN

Activity Code	Facility Types Allowed
DISP	BT, CT, GP, GS, IF, MS, PL, TM, WP, WT
EMIS	BT, CT, GP, GS, IF, WT
FIRE	BT, CT, GP, GS, IF, PL, TM, WT
FLARE	BT, CT, GP, GS, IF, PL, TM, WP, WT
FRAC	GP
FUEL	BT, CT, GP, GS, IF, PL, TM, WP, WT
INJ	IF
INVADJ	BT, CT, GP, GS, IF, PL, TM, WP, WT
INVCL	BT, CT, GP, GS, IF, PL, TM, WP, WT
LDINJ	BT
LDINVADJ	BT
LDREC	BT
PROD	BT, WT
PURDISP	BT
PURREC	BT, CT, WP
REC	BT, CT, GP, GS, IF, MS, PL, TM, WP, WT
SHR	BT, CT, GP, PL, TM
SHUTIN	BT, CT, GP, GS, IF, MS, PL, TM, WP, WT
SPILL	BT, CT, GP, GS, IF, PL, TM, WT
STINJ	IF
STINVADJ	IF
STINVCL	IF
STINVOP	IF
STREC	BT
THEFT	BT, CT, GP, GS, IF, PL, TM, WT
VENT	BT, CT, GP, GS, IF, PL, TM, WP, WT

BRITISH COLUMBIA

Activity Code	Facility Types Allowed
DISP	BT, CT, GP, GS, IF, LN, MS, PL, RF, TM, WP
EMIS	BT, GP, GS, IF, LN, RF
FLARE	BT, CT, GP, GS, IF, LN, PL, RF, TM, WP
FRAC	GP
FUEL	BT, CT, GP, GS, IF, LN, PL, RF, TM, WP
INJ	IF
INVADJ	BT, CT, GP, GS, IF, LN, PL, RF, TM, WP
INVCL	BT, CT, GP, GS, IF, LN, PL, RF, TM, WP
LDINJ	BT
LDINVADJ	BT
LDREC	BT
PLTUSE	GP, IF
PROD	BT, IF
PURDISP	BT, CT, GP, GS, IF
REC	BT, CT, GP, GS, IF, LN, MS, PL, RF, TM, WP
SHR	BT, CT, GP, LN, PL, TM
SHUTIN	BT, CT, GP, GS, IF, LN, MS, PL, RF, TM, WP
STINJ	IF
STINVADJ	IF
STINVCL	IF
STINVOP	IF
STREC	BT
VENT	BT, CT, GP, GS, IF, LN, PL, RF, TM, WP

MANITOBA

Activity Code	Facility Types Allowed
DISP	BT, CT, GP, GS, IF, MS, PL, TM, WP, WT
EMIS	BT, CT, GP, GS, IF, WT
FIRE	BT, CT, GP, GS, IF, PL, TM, WT
FLARE	BT, CT, GP, GS, IF, PL, TM, WP, WT
FRAC	GP
FUEL	BT, CT, GP, GS, IF, PL, TM, WP, WT
INJ	IF
INVADJ	BT, CT, GP, GS, IF, PL, TM, WP, WT
INVCL	BT, CT, GP, GS, IF, PL, TM, WP, WT
LDINJ	BT
LDINVADJ	BT
LDREC	BT
PROD	BT, WT
PURDISP	BT
PURREC	BT, CT, WP
REC	BT, CT, GP, GS, IF, MS, PL, TM, WP, WT
SHR	BT, CT, GP, PL, TM
SHUTIN	BT, CT, GP, GS, IF, MS, PL, TM, WP, WT

Classification: Protected A

Activity Code	Facility Types Allowed
SPILL	BT, CT, GP, GS, IF, PL, TM, WT
THEFT	BT, CT, GP, GS, IF, PL, TM, WT
VENT	BT, CT, GP, GS, IF, PL, TM, WP, WT

Classification: Protected A

7. ACTIVITY CODE / PRODUCT VALIDATION TABLE

(vprActvtyProductValdtnT754 dated March 11, 2024)

The following table shows the validation data used when validating activities against products…

ALBERTA

Activity Code	Products Allowed
DISP	All Products
EMIS	SUL
FLARE	ACGAS, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, C6-MX, C6-SP, ENTGAS, GAS, IC4-MX, IC4-SP, IC5-MX, IC5-SP, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP
FRAC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, C6-MX, C6-SP, CO2-MX, IC4-MX, IC4-SP, IC5-MX, IC5-SP, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP
FUEL	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, C6-MX, C6-SP, CO2-MX, ENTGAS, GAS, IC4-MX, IC4-SP, IC5-MX, IC5-SP, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, POWER
INJ	ACGAS, AIR, BRKWTR, C3-SP, C4-SP, C5-SP, CO2, COND, DIESEL, ENTGAS, FSHWTR, GAS, N2, O2, OIL, SOLV, STEAM, WASTE, WATER
INVADJ	BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, C6-MX, C6-SP, CO2-MX, COND, FSHWTR, GAS, HELIUM, IC4-MX, IC4-SP, IC5-MX, IC5-SP, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SBASE, SBLOC, SFORM, SLATE, SMOLT, SPRILL, SUL, SYNCRD, WASTE, WATER
INVCL	BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, C6-MX, C6-SP, CO2-MX, COND, FSHWTR, GAS, HELIUM, IC4-MX, IC4-SP, IC5-MX, IC5-SP, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SBASE, SBLOC, SFORM, SLATE, SMOLT, SPRILL, SUL, SYNCRD, WASTE, WATER
ISINJ	COND
ISINVADJ	COND
ISREC	COND
LDINJ	COND, OIL, WATER
LDINVADJ	COND, OIL, WATER
LDREC	COND, OIL, WATER
PLTUSE	BRKWTR, FSHWTR, HEAT, WATER
PROC	POWER
PROD	BRKWTR,C02, COND, FSHWTR, GAS, HELIUM, OIL, WATER
PURDISP	GAS
PURREC	GAS
REC	All Products

Activity Code	Products Allowed
RECYC	WATER
ROYALTY	OIL
SHR	ACGAS, BRKWTR, COND, OIL, WATER
UTIL	BRKWTR, FSHWTR, WATER
VENT	C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, C6-MX, C6-SP, CO2, ENTGAS, GAS, HELIUM, IC4-MX, IC4-SP, IC5-MX, IC5-SP, LITEMX, N2, NC4-MX, NC4-SP, NC5-MX, NC5-SP

SASKATCHEWAN

Activity Code	Products Allowed
DISP	All Products, ACGAS, HYDGN
EMIS	SUL
FIRE	OIL
FLARE	ACGAS, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2, CO2-MX, CO2-SP, ENTGAS, FLUEGAS, GAS, HYDGN, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NC4-MX, NC4-SP, NC5-MX, NC5-SP
FRAC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NC4-MX, NC4-SP, NC5-MX, NC5-SP
FUEL	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2, CO2-MX, CO2-SP, ENTGAS, GAS, HYDGN, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NC4-MX, NC4-SP, NC5-MX, NC5-SP
IMBAL	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2, DIESEL , OIL, SUL, WASTE
INJ	ACGAS, AIR, ALKWTR, ASP, BRINE, C3-SP, C4-SP, C5-SP, DIESEL, FLUEGAS, FSHWTR, GAS, N2, NAPHTHA, O2, OIL, POLYMER, SO2, SOLV, STEAM, SURF, WASTE, WATER
INVADJ	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, FSHWTR, GAS, HELIUM, HYDGN, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SUL, SYNCRD, WASTE, WATER
INVCL	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, FSHWTR, GAS, HELIUM, HYDGN, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SUL, SYNCRD, WASTE, WATER
INVOP	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, FSHWTR, GAS, HELIUM, HYDGN, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SUL, SYNCRD, WASTE, WATER
LDINJ	COND, OIL, WATER
LDINVADJ	COND, OIL, WATER
LDREC	COND, OIL, WATER
PROC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, COND, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SUL
PROD	CO2, COND, FLUEGAS, FSHWTR, GAS, HELIUM, HYDGN, N2, OIL, WATER
PURDISP	OIL
PURREC	C5-SP, COND, OIL
REC	All PRODUCTS, ACGAS, HYDGN

Classification: Protected A

Activity Code	Products Allowed
SHR	ACGAS, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, COND, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL
SPILL	FSHWTR, OIL, WATER
STINJ	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, FLUEGAS, GAS, IC4-MX, IC4-SP, IC5-MX, IC5-SP, N2, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL
STINVADJ	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, FLUEGAS, GAS, IC4-MX, IC4-SP, IC5-MX, IC5-SP, N2, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL
STINVCL	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, FLUEGAS, GAS, IC4-MX, IC4-SP, IC5-MX, IC5-SP, N2, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL
STINVOP	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, FLUEGAS, GAS, IC4-MX, IC4-SP, IC5-MX, IC5-SP, N2, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL
STREC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, FLUEGAS, GAS, IC4-MX, IC4-SP, IC5-MX, IC5-SP, N2, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL
THEFT	OIL
VENT	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2, CO2-MX, CO2-SP, ENTGAS, FLUEGAS, GAS, HYDGN, IC4-MX, IC4-SP, IC5-MX, IC5-SP, N2, NC4-MX, NC4-SP, NC5-MX, NC5-SP, STEAM

BRITISH COLUMBIA

Activity Code	Products Allowed
DISP	All Products
EMIS	SUL
FLARE	ACGAS, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, ENTGAS, GAS, LITEMX
FRAC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, LITEMX
FUEL	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, ENTGAS, GAS, LITEMX
INJ	ACGAS, C3-SP, C4-SP, C5-SP, CO2, COND, GAS, SOLV, WASTE, WATER
INVADJ	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, GAS, LITEMX, LNG, OIL, SUL, WASTE, WATER
INVCL	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, GAS, LITEMX, LNG, OIL, SUL, WASTE, WATER
LDINJ	COND, OIL
LDINVADJ	COND, OIL
LDINVCL	COND, OIL
LDREC	COND, OIL
PLTUSE	WATER
PROD	COND, GAS, OIL, WATER
PURDISP	GAS, OIL

Classification: Protected A

Activity Code	Products Allowed
PURREC	GAS, OIL
REC	All PRODUCTS
SHR	ACGAS, COND, OIL
STINJ	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, GAS, N2, OIL
STINVADJ	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, GAS, N2, OIL
STREC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, GAS, N2, OIL
VENT	C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2, ENTGAS, GAS, LITEMX

MANITOBA

Activity Code	Products Allowed
DISP	All Products
EMIS	SUL
FIRE	OIL
FLARE	ACGAS, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2, CO2-MX, CO2-SP, ENTGAS, FLUEGAS, GAS, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NC4-MX, NC4-SP, NC5-MX, NC5-SP
FRAC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NC4-MX, NC4-SP, NC5-MX, NC5-SP
FUEL	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2, CO2-MX, CO2-SP, ENTGAS, GAS, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NC4-MX, NC4-SP, NC5-MX, NC5-SP
INJ	ACGAS, AIR, ALKWTR, ASP, BRINE, C3-SP, C4-SP, C5-SP, DIESEL, FLUEGAS, FSHWTR, GAS, N2, NAPHTHA, 02, OIL, POLYMER, S02, SOLV, STEAM, SURF, WASTE, WATER
INVADJ	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, FSHWTR, GAS, HELIUM, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SUL, SYNCRD, WASTE, WATER
INVCL	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, FSHWTR, GAS, HELIUM, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SUL, SYNCRD, WASTE, WATER
LDINJ	COND, OIL, WATER
LDINVADJ	COND, OIL, WATER
LDREC	COND, OIL, WATER
PROD	CO2, COND, FLUEGAS, FSHWTR, GAS, HELIUM, N2, OIL, WATER
PURDISP	OIL
PURREC	C5-SP, COND, OIL
REC	All PRODUCTS
SHR	ACGAS, COND, OIL
SPILL	FSHWTR, OIL, WATER

Classification: Protected A

Activity Code	Products Allowed
THEFT	OIL
VENT	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2, CO2-MX, CO2-SP, ENTGAS, FLUEGAS, GAS, IC4-MX, IC4-SP, IC5-MX, IC5-SP, N2, NC4-MX, NC4-SP, NC5-MX, NC5-SP, STEAM

Classification: Protected A

8. ACTIVITY CODE / FROM/TO VALIDATION TABLE - INPUT

(vprActvtyProductValdtnT755 dated March 11, 2024)

The following table shows the rules applied when validating activities against from/to types.

ALBERTA

Activity Code	Received From/Delivered To ID
BHAVG	Well ID
BHMAX	Well ID
BHMIN	Well ID
DISP	Facility ID, Miscellaneous ID, Well ID
EMIS	Facility ID
FLARE	Facility ID, Well ID
FRAC	Blank
FUEL	Facility ID, Well ID
INJ	Well ID
INVADJ	Blank
INVCL	Blank
ISINJ	Well ID
ISREC	Well ID
LDINJ	Well ID
LDINVADJ	Well ID
LDREC	Well ID
PLTUSE	Blank
PROC	Blank
PROD	Blank, Well ID
PURDISP	Facility ID
PURREC	Facility ID, Miscellaneous ID
REC	Facility ID, Miscellaneous ID, Water Source ID, Well ID
RECYC	Blank
ROYALTY	Well ID
SHR	Blank
SHUTIN	Blank, Well ID
UTIL	Blank
VENT	Facility ID, Well ID
WHIAVG	Well ID
WHIMAX	Well ID
WHIMIN	Well ID
WHOAVG	Well ID
WHOMAX	Well ID

Activity Code	Received From/Delivered To ID
WHOMIN	Well ID

SASKATCHEWAN

Activity Code	Received From/Delivered To ID
DISP	Facility ID, Miscellaneous ID, Well ID
EMIS	Facility ID, Well ID
FIRE	Facility ID
FLARE	Facility ID, Well ID
FRAC	Blank
FUEL	Facility ID, Well ID
INJ	Well ID
INVADJ	Blank
INVCL	Blank
LDINJ	Well ID
LDINVADJ	Well ID
LDREC	Well ID
PROD	Well ID
PURDISP	Well ID
PURREC	Facility ID
REC	Facility ID, Miscellaneous ID, Well ID
SHR	Blank
SHUTIN	Blank, Well ID
SPILL	Facility ID
STINJ	Well ID
STINVADJ	Blank
STREC	Well ID
THEFT	Facility ID
VENT	Facility ID, Well ID

BRITISH COLUMBIA

Activity Code	Received From/Delivered To ID
DISP	Facility ID, Miscellaneous ID, Well ID
EMIS	Facility ID, Well ID
FLARE	Facility ID, Well ID
FRAC	Blank
FUEL	Facility ID, Well ID
INJ	Well ID
INVADJ	Blank
INVCL	Blank
LDINJ	Well ID
LDINVADJ	Well ID
LDINVCL	Well ID
LDREC	Well ID
PLTUSE	Blank

Activity Code	Received From/Delivered To ID
PROD	Well ID
PURDISP	Facility ID, Well ID
REC	Facility ID, Miscellaneous ID, Well ID, Water Source ID
SHR	Blank
SHUTIN	Blank, Well ID
VENT	Facility ID, Well ID

MANITOBA

Activity Code	Received From/Delivered To ID
DISP	Facility ID, Miscellaneous ID, Well ID
EMIS	Facility ID, Well ID
FIRE	Facility ID
FLARE	Facility ID, Well ID
FRAC	Blank
FUEL	Facility ID, Well ID
INJ	Well ID
INVADJ	Blank
INVCL	Blank
LDINJ	Well ID
LDINVADJ	Well ID
LDREC	Well ID
PROD	Well ID
PURDISP	Well ID
PURREC	Facility ID
REC	Facility ID, Miscellaneous ID, Well ID, Water Source ID
SHR	Blank
SHUTIN	Blank, Well ID
SPILL	Facility ID
THEFT	Facility ID
VENT	Facility ID, Well ID

9. MISCELLANEOUS CODE / PRODUCT VALIDATION TABLE

(vprProvMiscCodeProductValdtnT756 dated March 11, 2024)

The following table shows the rules applied when validating miscellaneous codes against products…

ALBERTA

Province/State	Type Code	Products Allowed
AB	CO	BRKWTRE, GAS, HELIUM, HEAT, POWER
AB	EG	GAS, HEAT, POWER
AB	GE	GAS, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, C6-MX, C6-SP, CO2-MX, IC4-MX, IC4-SP, IC5-MX, IC5-SP, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP
AB	IN	GAS, C5-SP, HELIUM, HEAT, POWER
AB	LF	ACGAS, AIR, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, C6-MX, C6-SP, CO2, CO2-MX, COND, DIESEL, ENTGAS, FSHWTR, GAS, IC4-MX, IC4-SP, IC5-MX, IC5-SP, LITEMX, N2, NC4-MX, NC4-SP, NC5-MX, NC5-SP, O2, OIL, SOLV, STEAM, SYNCRD, WASTE, WATER
AB	MC	COND, OIL, WATER, GAS, WASTE, C5-MX, BRKWTR, FSHWTR, HELIUM
AB	ML	GAS
AB	OT	GAS, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, C6-MX, C6-SP, CO2-MX, IC4-MX, IC4-SP, IC5-MX, IC5-SP, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, SBASE, SBLOC, SFORM, SLATE, SMOLT, SPRILL, SUL, SYNCRD, N2, CO2, O2
AB	R1	GAS
AB	R2	GAS
AB	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
AB	RE	GAS
AB	RM	BRKWTR, FSHWTR, OIL
AB	RO	FSHWTR
AB	SS	OIL
AB	WC	WATER
AB	WM	WATER
PROVINCES		

Province/State	Type Code	Products Allowed
BC	MC	All Products, HELIUM, HEAT, POWER
BC	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
MB	MC	All Products, HEAT, POWER
MB	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
SK	MC	C3-SP, WATER, FSJWTR. BRLWTR. HEAT, POWER
SK	IN	O2
NB		All Products
NB	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
NL		All Products
NL	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
NS		All Products
NS	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
NT		All Products
NT	GP	All Products
NT	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
NU		All Products
NU	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
ON		All Products
ON	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD,

Classification: Protected A

Province/State	Type Code	Products Allowed
		LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
PE		All Products
PE	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
QC		All Products
QC	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
YT		All Products
YT	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
STATES		
AK		All Products
AK	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
AL		All Products
AL	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
AR		All Products
AR	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
AZ		All Products
AZ	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
CA		All Products
CA	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD,

Province/State	Type Code	Products Allowed
		LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
CO		All Products
CO	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
CT		All Products
CT	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
DC		All Products
DC	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
DE		All Products
DE	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
FL		All Products
FL	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
GA		All Products
GA	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
HI		All Products
HI	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
IA		All Products
IA	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER

Classification: Protected A

Province/State	Type Code	Products Allowed
ID		All Products
ID	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
IL		All Products
IL	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
IN		All Products
IN	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
KS		All Products
KS	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
KY		All Products
KY	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
LA		All Products
LA	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
MA		All Products
MA	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
MD		All Products
MC	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
ME		All Products
ME	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT,

Province/State	Type Code	Products Allowed
		DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
MI		All Products
MI	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
MN		All Products
MN	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
MO		All Products
MO	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
MS		All Products
MS	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
MT		All Products
MT	GP	All Products
MT	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
NC		All Products
NC	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
ND		All Products
ND	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
NE		All Products
NE	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD,

Province/State	Type Code	Products Allowed
		LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
NH		All Products
NH	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
NJ		All Products
NJ	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
NM		All Products
NM	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
NV		All Products
NV	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
NY		All Products
NY	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
OH		All Products
OH	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
OK		All Products
OK	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
OR		All Products
OR	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER

Classification: Protected A

Province/State	Type Code	Products Allowed
PA		All Products
PA	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
RI		All Products
RI	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
SC		All Products
SC	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
SD		All Products
SD	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
TN		All Products
TN	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
TX		All Products
TX	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
UT		All Products
UT	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
VA		All Products
VA	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
VT		All Products
VT	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT,

Province/State	Type Code	Products Allowed
		DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
WA		All Products
WA	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
WI		All Products
WI	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
WV		All Products
WV	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-MX, C4-SP, C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATER
WY		All Products
WY	RC	BRKWTR, C1, C1-MX, C2, C2-MX, C2-SP, C3, C3-MX, C3-SP, C4, C4-S C5, C5-MX, C5-SP, C6, C6-MX, C6-SP, CO2-MX, COND, CRUDEBIT, DIESEL, DILUENT, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, INTERHYD, LITEMX, NC MX, NC4-SP, NC5-MX, NC5-SP, OIL, SAND, STEAM, SYNCRD, WASTE, WATE

SASKATCHEWAN

Province/State	Type Code	Products Allowed
SK	CO	C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, GAS
SK	EG	GAS
SK	GE	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, GAS, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NC4-MX, NC4-SP, NC5-MX, NC5-SP
SK	IN	GAS, HELIUM, HYDGN, O2
SK	LF	AIR, ALKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, GAS, HELIUM, HYDGN, IC4-MX, IC4-SP, IC5-MX, IC5-SP, N2, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, O2, OIL, POLYMER, SOLV, STEAM, SURF, SYNCRD, WASTE, WATER
SK	MC	ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2, CO2-MX, CO2-SP, COND, FSHWTR, GAS, HYDGN, IC4-MX, IC4-SP, IC5-MX, IC5-SP, N2, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, WASTE, WATER
SK	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OI,

Province/State	Type Code	Products Allowed
		POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
SK	RE	GAS
SK	RM	OIL
SK	RO	FSHWTR
SK	WC	WATER
SK	WM	WATER
PROVINCES		
AB	MC	All Products
AB	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
BC	MC	All Products
BC	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
MB	MC	All Products
MB	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
NB	MC	All Products
NB	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
NL	MC	All Products
NL	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
NS	MC	All Products
NS	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
NT	MC	All Products
NT	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
NU	MC	All Products
NU	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
ON	MC	All Products

Province/State	Type Code	Products Allowed
ON	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
PE	MC	All Products
PE	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
QC	MC	All Products
QC	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
YT	MC	All Products
YT	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
STATES		
AK	MC	All Products
AK	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
AL	MC	All Products
AL	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
AR	MC	All Products
AR	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
AZ	MC	All Products
AZ	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
CA	MC	All Products
CA	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
CO	MC	All Products
CO	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER

Province/State	Type Code	Products Allowed
CT	MC	All Products
CT	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
DC	MC	All Products
DC	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
DE	MC	All Products
DE	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
FL	MC	All Products
FL	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
GA	MC	All Products
GA	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
HI	MC	All Products
HI	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
IA	MC	All Products
IA	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
ID	MC	All Products
ID	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
IL	MC	All Products
IL	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
IN	MC	All Products
IN	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER

Classification: Protected A

Province/State	Type Code	Products Allowed
KS	MC	All Products
KS	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
KY	MC	All Products
KY	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
LA	MC	All Products
LA	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
MA	MC	All Products
MA	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND STEAM, SURF, SYNCRD, WASTE, WATER
MD	MC	All Products
MD	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
ME	MC	All Products
ME	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
MI	MC	All Products
MI	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
MN	MC	All Products
MN	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
MO	MC	All Products
MO	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
MS	MC	All Products
MS	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER

Classification: Protected A

Province/State	Type Code	Products Allowed
MT	MC	All Products
MT	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
NC	MC	All Products
NC	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
ND	MC	All Products
ND	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
NE	MC	All Products
NE	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
NH	MC	All Products
NH	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
NJ	MC	All Products
NJ	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
NM	MC	All Products
NM	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
NV	MC	All Products
NV	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
NY	MC	All Products
NY	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
OH	MC	All Products
OH	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER

Province/State	Type Code	Products Allowed
OK	MC	All Products
OK	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
OR	MC	All Products
OR	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
PA	MC	All Products
PA	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
RI	MC	All Products
RI	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
SC	MC	All Products
SC	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
SD	MC	All Products
SD	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
TN	MC	All Products
TN	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
TX	MC	All Products
TX	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
UT	MC	All Products
UT	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
VA	MC	All Products
VA	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER

Province/State	Type Code	Products Allowed
VT	MC	All Products
VT	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
WA	MC	All Products
WA	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
WI	MC	All Products
WI	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
WV	MC	All Products
WV	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER
WY	MC	All Products
WY	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRD, WASTE, WATER

BRITISH COLUMBIA

Province/State	Type Code	Products Allowed
BC	CO	GAS, LNG, WATER
BC	EG	GAS
BC	GE	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, GAS, LITEMX
BC	IN	C5-SP, GAS
BC	LF	ACGAS, AIR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2, CO2-MX, COND, ENTGAS, GAS, LITEMX, N2, O2, OIL, SOLV, WASTE, WATER
BC	MC	C5-MX, COND, GAS, LNG, OIL, SUL, WASTE, WATER
BC	ML	GAS
BC	MV	LNG
BC	OT	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2, CO2-MX, GAS, LITEMX, N2, O2, SUL
BC	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
BC	RE	GAS
BC	RM	OIL, WATER

Province/State	Type Code	Products Allowed
BC	RO	WATER
BC	SS	OIL
BC	WC	WATER
BC	WM	WATER
PROVINCES		
OS	MC	All Products
OS	MV	LNG
OS	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
AB	CO	GAS
AB	EG	GAS
AB	IN	GAS
AB	MC	GAS
AB	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
AB	RE	GAS
SK	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
MB	MC	All Products
MB	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
NB	MC	All Products
NB	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
NL	MC	All Products
NL	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
NS	MC	All Products
NS	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
NT	MC	All Products
NT	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
NU	MC	All Products
NU	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
ON	MC	All Products
ON	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
PE	MC	All Products
PE	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
QC	MC	All Products
QC	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER

Province/State	Type Code	Products Allowed
YT	MC	All Products
YT	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
STATES		
AK	MC	All Products
AK	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
AL	MC	All Products
AL	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
AR	MC	All Products
AR	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
AZ	MC	All Products
AZ	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
CA	MC	All Products
CA	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
CO	MC	All Products
CO	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
CT	MC	All Products
CT	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
DC	MC	All Products
DC	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
DE	MC	All Products
DE	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
FL	MC	All Products
FL	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3- C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
GA	MC	All Products
GA	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
HI	MC	All Products
HI	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
IA	MC	All Products
IA	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
ID	MC	All Products

Classification: Protected A

Province/State	Type Code	Products Allowed
ID	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
IL	MC	All Products
IL	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
IN	MC	All Products
IN	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
KS	MC	All Products
KS	RC	ALKWTR, ASP, BRINE, BRKWTR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, STEAM, SURF, SYNCRD, WASTE, WATER
KY	MC	All Products
KY	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
LA	MC	All Products
LA	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
MA	MC	All Products
MA	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
MD	MC	All Products
MD	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
ME	MC	All Products
ME	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
MI	MC	All Products
MI	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
MN	MC	All Products
MN	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
MO	MC	All Products
MO	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
MS	MC	All Products
MS	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
MT	MC	All Products
MT	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
NC	MC	All Products
NC	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER

Classification: Protected A

Province/State	Type Code	Products Allowed
ND	MC	All Products
ND	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
NE	MC	All Products
NE	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
NH	MC	All Products
NH	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
NJ	MC	All Products
NJ	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
NM	MC	All Products
NM	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
NV	MC	All Products
NV	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
NY	MC	All Products
NY	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
OH	MC	All Products
OH	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
OK	MC	All Products
OK	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
OR	MC	All Products
OR	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
PA	MC	All Products
PA	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
RI	MC	All Products
RI	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
SC	MC	All Products
SC	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
SD	MC	All Products
SD	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
TN	MC	All Products
TN	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER

Classification: Protected A

Province/State	Type Code	Products Allowed
TX	MC	All Products
TX	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
UT	MC	All Products
UT	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
VA	MC	All Products
VA	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
VT	MC	All Products
VT	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
WA	MC	All Products
WA	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
WI	MC	All Products
WI	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
WV	MC	All Products
WV	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER
WY	MC	All Products
WY	RC	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, COND, LITEMX, OIL, SAND, WASTE, WATER

MANITOBA

Province/State	Type Code	Products Allowed
MB	CO	C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, GAS
MB	EG	GAS
MB	GE	C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, GAS, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NC4-MX, NC4-SP, NC5-SP, NC4-SP
MB	IN	GAS, HELIUM, O2
MB	LF	AIR, C1-MX, C2-MX, C2-SP, C3-MX, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, GAS, HELIUM, IC4-MX, IC4-SP, IC5-MX, IC5-SP, n2, NAPHTHA, NC4-MX, NC4-SP, NC5-SP, NC4-SP, O2, OIL, POLYMER, SOLV, STEAM, SURF, SYNCRD, WASTE, WATER
MB	MC	ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2, CO2-MX, CO2-SP, COND, FSHWTR, GAS, IC4-MX, IC4-SP, IC5-MX, IC5-SP, N2, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, WASTE, WATER
MB	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER

Province/State	Type Code	Products Allowed
MB	RE	GAS
MB	RM	OIL
MB	RO	FSHWTR
MB	WC	WATER
MB	WM	WATER
PROVINCES		
OS	MC	All Products
OS	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
AB	MC	All Products
AB	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
BC	MC	All Products
BC	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
SK	MC	All Products
SK	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
NB	MC	All Products
NB	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
NL	MC	All Products
NL	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
NS	MC	All Products
NS	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
NT	MC	All Products
NT	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
NU	MC	All Products

Classification: Protected A

Province/State	Type Code	Products Allowed
NU	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
ON	MC	All Products
ON	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
PE	MC	All Products
PE	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
QC	MC	All Products
QC	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
YT	MC	All Products
YT	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
STATES		
AK	MC	All Products
AK	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
AL	MC	All Products
AL	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
AR	MC	All Products
AR	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
AZ	MC	All Products
AZ	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
CA	MC	All Products
CA	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER

Classification: Protected A

Province/State	Type Code	Products Allowed
CO	MC	All Products
CO	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
CT	MC	All Products
CT	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
DC	MC	All Products
DC	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
DE	MC	All Products
DE	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
FL	MC	All Products
FL	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
GA	MC	All Products
GA	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
HI	MC	All Products
HI	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
IA	MC	All Products
IA	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
ID	MC	All Products
ID	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
IL	MC	All Products
IL	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER

Classification: Protected A

Province/State	Type Code	Products Allowed
IN	MC	All Products
IN	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
KS	MC	All Products
KS	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
KY	MC	All Products
KY	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
LA	MC	All Products
LA	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
MA	MC	All Products
MA	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
MD	MC	All Products
MD	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
ME	MC	All Products
ME	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
MI	MC	All Products
MI	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
MN	MC	All Products
MN	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
MO	MC	All Products
MO	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER

Classification: Protected A

Province/State	Type Code	Products Allowed
MS	MC	All Products
MS	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
MT	MC	All Products
MT	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
NC	MC	All Products
NC	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
ND	MC	All Products
ND	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
NE	MC	All Products
NE	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
NH	MC	All Products
NH	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
NJ	MC	All Products
NJ	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
NM	MC	All Products
NM	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
NV	MC	All Products
NV	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
NY	MC	All Products
NY	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER

Classification: Protected A

Province/State	Type Code	Products Allowed
OH	MC	All Products
OH	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
OK	MC	All Products
OK	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
OR	MC	All Products
OR	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
PA	MC	All Products
PA	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
RI	MC	All Products
RI	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
SC	MC	All Products
SC	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
SD	MC	All Products
SD	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
TN	MC	All Products
TN	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
TX	MC	All Products
TX	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
UT	MC	All Products
UT	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER

Classification: Protected A

Province/State	Type Code	Products Allowed
VA	MC	All Products
VA	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
VT	MC	All Products
VT	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
WA	MC	All Products
WA	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
WI	MC	All Products
WI	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
WV	MC	All Products
WV	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER
WY	MC	All Products
WY	RC	ALKWTR, ASP, BRINE, C1-MX, C2-MX, C2-SP, C3-SP, C4-MX, C4-SP, C5-MX, C5-SP, CO2-MX, CO2-SP, COND, DIESEL, FSHWTR, IC4-MX, IC4-SP, IC5-MX, IC5-SP, NAPHTHA, NC4-MX, NC4-SP, NC5-MX, NC5-SP, OIL, POLYMER, SAND, STEAM, SURF, SYNCRUD, WASTE, WATER

10. MISCELLANEOUS CODE / FACILITY TYPE VALIDATION TABLE

(vprProvMiscCodeFacValdtnT757 dated March 4, 2022)

The following table shows the rules applied when validating miscellaneous codes against reporting facility types…

ALBERTA

Province/State	Type Code	Facility Types Allowed
AB	CO	BT, GP, GS, PL, OS
AB	EG	BT, GP, GS, PL, OS, IF
AB	GE	BT, GP, GS, OS
AB	IN	BT, GP, GS, PL, OS
AB	LF	BT, CT, GP, GS, PL, TM
AB	MC	BT, CT, GP, GS, IF, PL, RF, TM, OS
AB	ML	GP, OS
AB	OT	GP, GS, IF, PL, RF, TM, OS
AB	R1	PL, OS
AB	R2	PL, OS
AB	RC	BT, CT, GP, IF, TM, RF
AB	RE	BT, GP, GS, PL, OS
AB	RM	BT, CT, PL, TM
AB	RO	BT, CT, GP, GS, IF, PL, RF, TM
AB	SS	BT, RF
AB	WC	GP, GS
AB	WM	BT, CT, GP, GS, IF, PL, RF, TM
PROVINCES		
OS		BT, GP, GS, PL, RF, TM, OS
OS	RC	BT, CT, GP, IF, TM, RF
BC		BT, GP, GS, PL, RF,
BC	RC	BT, CT, GP, IF, TM, RF
MB		BT, GP, GS, PL, , IF, TM
MB	RC	BT, CT, GP, IF, TM, RF
NB		BT, GP, GS, PL, RF, TM, OS
NB	RC	BT, CT, GP, IF, TM, RF
NL		BT, GP, GS, PL, RF, TM, OS
NL	RC	BT, CT, GP, IF, TM, RF
NS		BT, GP, GS, PL, RF, TM, OS
NS	RC	BT, CT, GP, IF, TM, RF
NT		BT, GP, GS, PL, RF, TM, OS

Province/State	Type Code	Facility Types Allowed
NT	GP	BT, GP, GS, PL, RF, TM
NT	RC	BT, CT, GP, IF, TM, RF
NU		BT, GP, GS, PL, RF, TM, OS
NU	RC	BT, CT, GP, IF, TM, RF
ON		BT, GP, GS, PL, RF, TM, OS
ON	RC	BT, CT, GP, IF, TM, RF
PE		BT, GP, GS, PL, RF, TM, OS
PE	RC	BT, CT, GP, IF, TM, RF
QC		BT, GP, GS, PL, RF, TM, OS
QC	RC	BT, CT, GP, IF, TM, RF
SK	MC	GS, PL
YT		BT, GP, GS, PL, RF, TM, OS
YT	RC	BT, CT, GP, IF, TM, RF
STATES		
AK		BT, GP, GS, PL, RF, TM, OS
AK	RC	BT, CT, GP, IF, TM, RF
AL		BT, GP, GS, PL, RF, TM, OS
AL	RC	BT, CT, GP, IF, TM, RF
AR		BT, GP, GS, PL, RF, TM, OS
AR	RC	BT, CT, GP, IF, TM, RF
AZ		BT, GP, GS, PL, RF, TM, OS
AZ	RC	BT, CT, GP, IF, TM, RF
CA		BT, GP, GS, PL, RF, TM, OS
CA	RC	BT, CT, GP, IF, TM, RF
CO		BT, GP, GS, PL, RF, TM, OS
CO	RC	BT, CT, GP, IF, TM, RF
CT		BT, GP, GS, PL, RF, TM, OS
CT	RC	BT, CT, GP, IF, TM, RF
DC		BT, GP, GS, PL, RF, TM, OS
DC	RC	BT, CT, GP, IF, TM, RF
DE		BT, GP, GS, PL, RF, TM, OS
DE	RC	BT, CT, GP, IF, TM, RF
FL		BT, GP, GS, PL, RF, TM, OS
FL	RC	BT, CT, GP, IF, TM, RF
GA		BT, GP, GS, PL, RF, TM, OS
GA	RC	BT, CT, GP, IF, TM, RF
HI		BT, GP, GS, PL, RF, TM, OS
HI	RC	BT, CT, GP, IF, TM, RF
IA		BT, GP, GS, PL, RF, TM, OS
IA	RC	BT, CT, GP, IF, TM, RF
ID		BT, GP, GS, PL, RF, TM, OS
ID	RC	BT, CT, GP, IF, TM, RF
IL		BT, GP, GS, PL, RF, TM, OS
IL	RC	BT, CT, GP, IF, TM, RF
IN		BT, GP, GS, PL, RF, TM, OS
IN	RC	BT, CT, GP, IF, TM, RF
KS		BT, GP, GS, PL, RF, TM, OS
KS	RC	BT, CT, GP, IF, TM, RF

Classification: Protected A

Province/State	Type Code	Facility Types Allowed
KY		BT, GP, GS, PL, RF, TM, OS
KY	RC	BT, CT, GP, IF, TM, RF
LA		BT, GP, GS, PL, RF, TM, OS
LA	RC	BT, CT, GP, IF, TM, RF
MA		BT, GP, GS, PL, RF, TM, OS
MA	RC	BT, CT, GP, IF, TM, RF
MD		BT, GP, GS, PL, RF, TM, OS
MD	RC	BT, CT, GP, IF, TM, RF
ME		BT, GP, GS, PL, RF, TM, OS
ME	RC	BT, CT, GP, IF, TM, RF
MI		BT, GP, GS, PL, RF, TM, OS
MI	RC	BT, CT, GP, IF, TM, RF
MN		BT, GP, GS, PL, RF, TM, OS
MN	RC	BT, CT, GP, IF, TM, RF
MO		BT, GP, GS, PL, RF, TM, OS
MO	RC	BT, CT, GP, IF, TM, RF
MS		BT, GP, GS, PL, RF, TM, OS
MS	RC	BT, CT, GP, IF, TM, RF
MT		BT, GP, GS, PL, RF, TM, OS
MT	GP	BT, GP, GS, PL, RF, TM
MT	RC	BT, CT, GP, IF, TM, RF
NC		BT, GP, GS, PL, RF, TM, OS
NC	RC	BT, CT, GP, IF, TM, RF
ND		BT, GP, GS, PL, RF, TM, OS
ND	RC	BT, CT, GP, IF, TM, RF
NE		BT, GP, GS, PL, RF, TM, OS
NE	RC	BT, CT, GP, IF, TM, RF
NH		BT, GP, GS, PL, RF, TM, OS
NH	RC	BT, CT, GP, IF, TM, RF
NJ		BT, GP, GS, PL, RF, TM, OS
NJ	RC	BT, CT, GP, IF, TM, RF
NM		BT, GP, GS, PL, RF, TM, OS
NM	RC	BT, CT, GP, IF, TM, RF
NV		BT, GP, GS, PL, RF, TM, OS
NV	RC	BT, CT, GP, IF, TM, RF
NY		BT, GP, GS, PL, RF, TM, OS
NY	RC	BT, CT, GP, IF, TM, RF
OH		BT, GP, GS, PL, RF, TM, OS
OH	RC	BT, CT, GP, IF, TM, RF
OK		BT, GP, GS, PL, RF, TM, OS
OK	RC	BT, CT, GP, IF, TM, RF
OR		BT, GP, GS, PL, RF, TM, OS
OR	RC	BT, CT, GP, IF, TM, RF
PA		BT, GP, GS, PL, RF, TM, OS
PA	RC	BT, CT, GP, IF, TM, RF
RI		BT, GP, GS, PL, RF, TM, OS
RI	RC	BT, CT, GP, IF, TM, RF
SC		BT, GP, GS, PL, RF, TM, OS

Province/State	Type Code	Facility Types Allowed
SC	RC	BT, CT, GP, IF, TM, RF
SD		BT, GP, GS, PL, RF, TM, OS
SD	RC	BT, CT, GP, IF, TM, RF
TN		BT, GP, GS, PL, RF, TM, OS
TN	RC	BT, CT, GP, IF, TM, RF
TX		BT, GP, GS, PL, RF, TM, OS
TX	RC	BT, CT, GP, IF, TM, RF
UT		BT, GP, GS, PL, RF, TM, OS
UT	RC	BT, CT, GP, IF, TM, RF
VA		BT, GP, GS, PL, RF, TM, OS
VA	RC	BT, CT, GP, IF, TM, RF
VT		BT, GP, GS, PL, RF, TM, OS
VT	RC	BT, CT, GP, IF, TM, RF
WA		BT, GP, GS, PL, RF, TM, OS
WA	RC	BT, CT, GP, IF, TM, RF
WI		BT, GP, GS, PL, RF, TM, OS
WI	RC	BT, CT, GP, IF, TM, RF
WV		BT, GP, GS, PL, RF, TM, OS
WV	RC	BT, CT, GP, IF, TM, RF
WY		BT, GP, GS, PL, RF, TM, OS
WY	RC	BT, CT, GP, IF, TM, RF

SASKATCHEWAN

Province/State	Type Code	Facility Types Allowed
SK	CO	BT, GP, GS, PL
SK	GE	BT, GP, GS
SK	IN	BT, GP, GS, PL, IF
SK	MC	BT, CT, GP, GS, IF, PL, TM
SK	RE	BT, GP, GS, PL
SK	RM	BT, CT, PL, TM
SK	RC	BT, CT, GP, IF, TM
SK	RO	BT, CT, GP, GS, IF, PL, TM, WT
SK	WC	GP, GS
SK	WM	BT, CT, GP, GS, IF, PL, TM
PROVINCES		
OS	MC	BT, GP, GS, IF, PL, TM
OS	RC	BT, CT, GP, IF, TM
AB	MC	BT, CT, GP, GS, IF, PL, TM
AB	RC	BT, CT, GP, IF, TM
BC	MC	BT, GP, GS, IF, PL, TM
BC	RC	BT, CT, GP, IF, TM
MB	MC	BT, GP, GS, IF, PL, TM
MB	RC	BT, CT, GP, IF, TM
NB	MC	BT, GP, GS, IF, PL, TM
NB	RC	BT, CT, GP, IF, TM
NL	MC	BT, GP, GS, IF, PL, TM

Province/State	Type Code	Facility Types Allowed
NL	RC	BT, CT, GP, IF, TM
NS	MC	BT, GP, GS, IF, PL, TM
NS	RC	BT, CT, GP, IF, TM
NT	MC	BT, GP, GS, IF, PL, TM
NT	RC	BT, CT, GP, IF, TM
NU	MC	BT, GP, GS, IF, PL, TM
NU	RC	BT, CT, GP, IF, TM
ON	MC	BT, GP, GS, IF, PL, TM
ON	RC	BT, CT, GP, IF, TM
PE	MC	BT, GP, GS, IF, PL, TM
PE	RC	BT, CT, GP, IF, TM
QC	MC	BT, GP, GS, IF, PL, TM
QC	RC	BT, CT, GP, IF, TM
YT	MC	BT, GP, GS, IF, PL, TM
YT	RC	BT, CT, GP, IF, TM
STATES	MC	
AK	MC	BT, GP, GS, IF, PL, TM
AK	RC	BT, CT, GP, IF, TM
AL	MC	BT, GP, GS, IF, PL, TM
AL	RC	BT, CT, GP, IF, TM
AR	MC	BT, GP, GS, IF, PL, TM
AR	RC	BT, CT, GP, IF, TM
AZ	MC	BT, GP, GS, IF, PL, TM
AZ	RC	BT, CT, GP, IF, TM
CA	MC	BT, GP, GS, IF, PL, TM
CA	RC	BT, CT, GP, IF, TM
CO	MC	BT, GP, GS, IF, PL, TM
CO	RC	BT, CT, GP, IF, TM
CT	MC	BT, GP, GS, IF, PL, TM
CT	RC	BT, CT, GP, IF, TM
DC	MC	BT, GP, GS, IF, PL, TM
DC	RC	BT, CT, GP, IF, TM
DE	MC	BT, GP, GS, IF, PL, TM
DE	RC	BT, CT, GP, IF, TM
FL	MC	BT, GP, GS, IF, PL, TM
FL	RC	BT, CT, GP, IF, TM
GA	MC	BT, GP, GS, IF, PL, TM
GA	RC	BT, CT, GP, IF, TM
HI	MC	BT, GP, GS, IF, PL, TM
HI	RC	BT, CT, GP, IF, TM
IA	MC	BT, GP, GS, IF, PL, TM
IA	RC	BT, CT, GP, IF, TM
ID	MC	BT, GP, GS, IF, PL, TM
ID	RC	BT, CT, GP, IF, TM
IL	MC	BT, GP, GS, IF, PL, TM
IL	RC	BT, CT, GP, IF, TM
IN	MC	BT, GP, GS, IF, PL, TM
IN	RC	BT, CT, GS, IF, TM

Classification: Protected A

Province/State	Type Code	Facility Types Allowed
KS	MC	BT, GP, GS, IF, PL, TM
KS	RC	BT, CT, GP, IF, TM
KY	MC	BT, GP, GS, IF, PL, TM
KY	RC	BT, CT, GP, IF, TM
LA	MC	BT, GP, GS, IF, PL, TM
LA	RC	BT, CT, GP, IF, TM
MA	MC	BT, GP, GS, IF, PL, TM
MA	RC	BT, CT, GP, IF, TM
MD	MC	BT, GP, GS, IF, PL, TM
MD	RC	BT, CT, GP, IF, TM
ME	MC	BT, GP, GS, IF, PL, TM
ME	RC	BT, CT, GP, IF, TM
MI	MC	BT, GP, GS, IF, PL, TM
MI	RC	BT, CT, GP, IF, TM
MN	MC	BT, GP, GS, IF, PL, TM
MN	RC	BT, CT, GP, IF, TM
MO	MC	BT, GP, GS, IF, PL, TM
MO	RC	BT, CT, GP, IF, TM
MS	MC	BT, GP, GS, IF, PL, TM
MS	RC	BT, CT, GP, IF, TM
MT	MC	BT, GP, GS, IF, PL, TM
MT	RC	BT, CT, GP, IF, TM
NC	MC	BT, GP, GS, IF, PL, TM
NC	RC	BT, CT, GP, IF, TM
ND	MC	BT, GP, GS, IF, PL, TM
ND	RC	BT, CT, GP, IF, TM
NE	MC	BT, GP, GS, IF, PL, TM
NE	RC	BT, CT, GP, IF, TM
NH	MC	BT, GP, GS, IF, PL, TM
NH	RC	BT, CT, GP, IF, TM
NJ	MC	BT, GP, GS, IF, PL, TM
NJ	RC	BT, CT, GP, IF, TM
NM	MC	BT, GP, GS, IF, PL, TM
NM	RC	BT, CT, GP, IF, TM
NV	MC	BT, GP, GS, IF, PL, TM
NV	RC	BT, CT, GP, IF, TM
NY	MC	BT, GP, GS, IF, PL, TM
NY	RC	BT, CT, GP, IF, TM
OH	MC	BT, GP, GS, IF, PL, TM
OH	RC	BT, CT, GP, IF, TM
OK	MC	BT, GP, GS, IF, PL, TM
OK	RC	BT, CT, GP, IF, TM
OR	MC	BT, GP, GS, IF, PL, TM
OR	RC	BT, CT, GP, IF, TM
PA	MC	BT, GP, GS, IF, PL, TM
PA	RC	BT, CT, GP, IF, TM
RI	MC	BT, GP, GS, IF, PL, TM
RI	RC	BT, CT, GP, IF, TM

Province/State	Type Code	Facility Types Allowed
SC	MC	BT, GP, GS, IF, PL, TM
SC	RC	BT, CT, GP, IF, TM
SD	MC	BT, GP, GS, IF, PL, TM
SD	RC	BT, CT, GP, IF, TM
TN	MC	BT, GP, GS, IF, PL, TM
TN	RC	BT, CT, GP, IF, TM
TX	MC	BT, GP, GS, IF, PL, TM
TX	RC	BT, CT, GP, IF, TM
UT	MC	BT, GP, GS, IF, PL, TM
UT	RC	BT, CT, GP, IF, TM
VA	MC	BT, GP, GS, IF, PL, TM
VA	RC	BT, CT, GP, IF, TM
VT	MC	BT, GP, GS, IF, PL, TM
VT	RC	BT, CT, GP, IF, TM
WA	MC	BT, GP, GS, IF, PL, TM
WA	RC	BT, CT, GP, IF, TM
WI	MC	BT, GP, GS, IF, PL, TM
WI	RC	BT, CT, GP, IF, TM
WV	MC	BT, GP, GS, IF, PL, TM
WV	RC	BT, CT, GP, IF, TM
WY	MC	BT, GP, GS, IF, PL, TM
WY	RC	BT, CT, GP, IF, TM

BRITISH COLUMBIA

Province/State	Type Code	Facility Types Allowed
BC	CO	BT, GP, GS, PL, LN
BC	EG	BT, GP, GS, IF, PL
BC	GE	BT, GP, GS
BC	IN	BT, GP, GS, PL
BC	LF	BT, GS, GP, CT, PL, TM
BC	MC	BT, CT, GP, GS, IF, LN, PL, RF, TM
BC	ML	GP
BC	MV	LN
BC	OT	GP, GS, IF, PL, RF, TM
BC	RE	BT, GP, GS, PL
BC	RM	BT, CT, PL, TM
BC	RC	BT, CT, GP, IF, LN, RF, TM
BC	RO	BT, CT, GP, GS, IF, PL, TM, WT
BC	SS	BT, RF
BC	WC	GP, GS
BC	WM	BT, CT, GP, GS, IF, PL, RF, TM
PROVINCES		
OS	MC	BT, GP, GS, PL, RF, TM
OS	MV	LN
OS	RC	BT, CT, GP, IF, LN, RF, TM
AB	MC	GS, PL

Province/State	Type Code	Facility Types Allowed
AB	RC	BT, CT, GP, IF, LN, RF, TM
MB	MC	BT, GP, GS, PL, IF, TM
MB	RC	BT, CT, GP, IF, LN, RF, TM
NB	MC	BT, GP, GS, PL, RF, TM
NB	RC	BT, CT, GP, IF, LN, RF, TM
NL	MC	BT, GP, GS, IF, PL, TM
NL	RC	BT, CT, GP, IF, LN, RF, TM
NS	MC	BT, GP, GS, PL, RF, TM
NS	RC	BT, CT, GP, IF, LN, RF, TM
NT	MC	BT, GP, GS, PL, RF, TM
NT	RC	BT, CT, GP, IF, LN, RF, TM
NU	MC	BT, GP, GS, PL, RF, TM
NU	RC	BT, CT, GP, IF, LN, RF, TM
ON	MC	BT, GP, GS, PL, RF, TM
ON	RC	BT, CT, GP, IF, LN, RF, TM
PE	MC	BT, GP, GS, PL, RF, TM
PE	RC	BT, CT, GP, IF, LN, RF, TM
QC	MC	BT, GP, GS, PL, RF, TM
QC	RC	BT, CT, GP, IF, LN, RF, TM
SK	RC	BT, CT, GP, IF, LN, RF, TM
YT	MC	BT, GP, GS, PL, RF, TM
YT	RC	BT, CT, GP, IF, LN, RF, TM
STATES	MC	
AK	MC	BT, GP, GS, PL, RF, TM
AK	RC	BT, CT, GP, IF, LN, RF, TM
AL	MC	BT, GP, GS, PL, RF, TM
AL	RC	BT, CT, GP, IF, LN, RF, TM
AR	MC	BT, GP, GS, PL, RF, TM
AR	RC	BT, CT, GP, IF, LN, RF, TM
AZ	MC	BT, GP, GS, PL, RF, TM
AZ	RC	BT, CT, GP, IF, LN, RF, TM
CA	MC	BT, GP, GS, PL, RF, TM
CA	RC	BT, CT, GP, IF, LN, RF, TM
CO	MC	BT, GP, GS, PL, RF, TM
CO	RC	BT, CT, GP, IF, LN, RF, TM
CT	MC	BT, GP, GS, PL, RF, TM
CT	RC	BT, CT, GP, IF, LN, RF, TM
DC	MC	BT, GP, GS, PL, RF, TM
DC	RC	BT, CT, GP, IF, LN, RF, TM
DE	MC	BT, GP, GS, PL, RF, TM
DE	RC	BT, CT, GP, IF, LN, RF, TM
FL	MC	BT, GP, GS, PL, RF, TM
FL	RC	BT, CT, GP, IF, LN, RF, TM
GA	MC	BT, GP, GS, PL, RF, TM
GA	RC	BT, CT, GP, IF, LN, RF, TM
HI	MC	BT, GP, GS, PL, RF, TM
HI	RC	BT, CT, GP, IF, LN, RF, TM
IA	MC	BT, GP, GS, PL, RF, TM

Province/State	Type Code	Facility Types Allowed
IA	RC	BT, CT, GP, IF, LN, RF, TM
ID	MC	BT, GP, GS, PL, RF, TM
ID	RC	BT, CT, GP, IF, LN, RF, TM
IL	MC	BT, GP, GS, PL, RF, TM
IL	RC	BT, CT, GP, IF, LN, RF, TM
IN	MC	BT, GP, GS, PL, RF, TM
IN	RC	BT, CT, GP, IF, LN, RF, TM
KS	MC	BT, GP, GS, PL, RF, TM
KS	RC	BT, CT, GP, IF, LN, RF, TM
KY	MC	BT, GP, GS, PL, RF, TM
KY	RC	BT, CT, GP, IF, LN, RF, TM
LA	MC	BT, GP, GS, PL, RF, TM
LA	RC	BT, CT, GP, IF, LN, RF, TM
MA	MC	BT, GP, GS, PL, RF, TM
MA	RC	BT, CT, GP, IF, LN, RF, TM
MD	MC	BT, GP, GS, PL, RF, TM
MD	RC	BT, CT, GP, IF, LN, RF, TM
ME	MC	BT, GP, GS, PL, RF, TM
ME	RC	BT, CT, GP, IF, LN, RF, TM
MI	MC	BT, GP, GS, PL, RF, TM
MI	RC	BT, CT, GP, IF, LN, RF, TM
MN	MC	BT, GP, GS, PL, RF, TM
MN	RC	BT, CT, GP, IF, LN, RF, TM
MO	MC	BT, GP, GS, PL, RF, TM
MO	RC	BT, CT, GP, IF, LN, RF, TM
MS	MC	BT, GP, GS, PL, RF, TM
MS	RC	BT, CT, GP, IF, LN, RF, TM
MT	MC	BT, GP, GS, PL, RF, TM
MT	RC	BT, CT, GP, IF, LN, RF, TM
NC	MC	BT, GP, GS, PL, RF, TM
NC	RC	BT, CT, GP, IF, LN, RF, TM
ND	MC	BT, GP, GS, PL, RF, TM
ND	RC	BT, CT, GP, IF, LN, RF, TM
NE	MC	BT, GP, GS, PL, RF, TM
NE	RC	BT, CT, GP, IF, LN, RF, TM
NH	MC	BT, GP, GS, PL, RF, TM
NH	RC	BT, CT, GP, IF, LN, RF, TM
NJ	MC	BT, GP, GS, PL, RF, TM
NJ	RC	BT, CT, GP, IF, LN, RF, TM
NM	MC	BT, GP, GS, PL, RF, TM
NM	RC	BT, CT, GP, IF, LN, RF, TM
NV	MC	BT, GP, GS, PL, RF, TM
NV	RC	BT, CT, GP, IF, LN, RF, TM
NY	MC	BT, GP, GS, PL, RF, TM
NY	RC	BT, CT, GP, IF, LN, RF, TM
OH	MC	BT, GP, GS, PL, RF, TM
OH	RC	BT, CT, GP, IF, LN, RF, TM
OK	MC	BT, GP, GS, PL, RF, TM

Classification: Protected A

Province/State	Type Code	Facility Types Allowed
OK	RC	BT, CT, GP, IF, LN, RF, TM
OR	MC	BT, GP, GS, PL, RF, TM
OR	RC	BT, CT, GP, IF, LN, RF, TM
PA	MC	BT, GP, GS, PL, RF, TM
PA	RC	BT, CT, GP, IF, LN, RF, TM
RI	MC	BT, GP, GS, PL, RF, TM
RI	RC	BT, CT, GP, IF, LN, RF, TM
SC	MC	BT, GP, GS, PL, RF, TM
SC	RC	BT, CT, GP, IF, LN, RF, TM
SD	MC	BT, GP, GS, PL, RF, TM
SD	RC	BT, CT, GP, IF, LN, RF, TM
TN	MC	BT, GP, GS, PL, RF, TM
TN	RC	BT, CT, GP, IF, LN, RF, TM
TX	MC	BT, GP, GS, PL, RF, TM
TX	RC	BT, CT, GP, IF, LN, RF, TM
UT	MC	BT, GP, GS, PL, RF, TM
UT	RC	BT, CT, GP, IF, LN, RF, TM
VA	MC	BT, GP, GS, PL, RF, TM
VA	RC	BT, CT, GP, IF, LN, RF, TM
VT	MC	BT, GP, GS, PL, RF, TM
VT	RC	BT, CT, GP, IF, LN, RF, TM
WA	MC	BT, GP, GS, PL, RF, TM
WA	RC	BT, CT, GP, IF, LN, RF, TM
WI	MC	BT, GP, GS, PL, RF, TM
WI	RC	BT, CT, GP, IF, LN, RF, TM
WV	MC	BT, GP, GS, PL, RF, TM
WV	RC	BT, CT, GP, IF, LN, RF, TM
WY	MC	BT, GP, GS, PL, RF, TM
WY	RC	BT, CT, GP, IF, LN, RF, TM

MANITOBA

Province/State	Type Code	Facility Types Allowed
MB	CO	BT, GP, GS PL
MB	EG	BT, GP, GS, PL
MB	GE	BT, GP, GS
MB	IN	BT, GP, GS, IF, PL
MB	LF	GS, PL
MB	MC	BT, CT, GP, GS, IF, PL, TM, WT
MB	RC	BT, CT, GP, IF, TM
MB	RE	BT, GP, GS, PL
MB	RM	BT, CT, PL, TM
MB	RO	BT, CT, GP, GS, IF, PL, TM, WT
MB	WC	GP, GS
MB	WM	BT, CT, GP, GS, IF, PL, TM
PROVINCES		
OS	MC	BT, GP, GS, IF, PL, TM
OS	RC	BT, CT, GP, IF, TM

Province/State	Type Code	Facility Types Allowed
AB	MC	BT, CT, GP, GS, IF, PL, TM
AB	RC	BT, CT, GP, IF, TM
BC	MC	BT, GP, GS, IF, PL, TM
BC	RC	BT, CT, GP, IF, TM
NB	MC	BT, GP, GS, IF, PL, TM
NB	RC	BT, CT, GP, IF, TM
NL	MC	BT, GP, GS, IF, PL, TM
NL	RC	BT, CT, GP, IF, TM
NS	MC	BT, GP, GS, IF, PL, TM
NS	RC	BT, CT, GP, IF, TM
NT	MC	BT, GP, GS, IF, PL, TM
NT	RC	BT, CT, GP, IF, TM
NU	MC	BT, GP, GS, IF, PL, TM
NU	RC	BT, CT, GP, IF, TM
ON	MC	BT, GP, GS, IF, PL, TM
ON	RC	BT, CT, GP, IF, TM
PE	MC	BT, GP, GS, IF, PL, TM
PE	RC	BT, CT, GP, IF, TM
QC	MC	BT, GP, GS, IF, PL, TM
QC	RC	BT, CT, GP, IF, TM
YT	MC	BT, GP, GS, IF, PL, TM
YT	RC	BT, CT, GP, IF, TM
STATES	MC	
AK	MC	BT, GP, GS, IF, PL, TM
AK	RC	BT, CT, GP, IF, TM
AL	MC	BT, GP, GS, IF, PL, TM
AL	RC	BT, CT, GP, IF, TM
AR	MC	BT, GP, GS, IF, PL, TM
AR	RC	BT, CT, GP, IF, TM
AZ	MC	BT, GP, GS, IF, PL, TM
AZ	RC	BT, CT, GP, IF, TM
CA	MC	BT, GP, GS, IF, PL, TM
CA	RC	BT, CT, GP, IF, TM
CO	MC	BT, GP, GS, IF, PL, TM
CO	RC	BT, CT, GP, IF, TM
CT	MC	BT, GP, GS, IF, PL, TM
CT	RC	BT, CT, GP, IF, TM
DC	MC	BT, GP, GS, IF, PL, TM
DC	RC	BT, CT, GP, IF, TM
DE	MC	BT, GP, GS, IF, PL, TM
DE	RC	BT, CT, GP, IF, TM
FL	MC	BT, GP, GS, IF, PL, TM
FL	RC	BT, CT, GP, IF, TM
GA	MC	BT, GP, GS, IF, PL, TM
GA	RC	BT, CT, GP, IF, TM
HI	MC	BT, GP, GS, IF, PL, TM
HI	RC	BT, CT, GP, IF, TM
IA	MC	BT, GP, GS, IF, PL, TM

Province/State	Type Code	Facility Types Allowed
IA	RC	BT, CT, GP, IF, TM
ID	MC	BT, GP, GS, IF, PL, TM
ID	RC	BT, CT, GP, IF, TM
IL	MC	BT, GP, GS, IF, PL, TM
IL	RC	BT, CT, GP, IF, TM
IN	MC	BT, GP, GS, IF, PL, TM
IN	RC	BT, CT, GP, IF, TM
KS	MC	BT, GP, GS, IF, PL, TM
KS	RC	BT, CT, GP, IF, TM
KY	MC	BT, GP, GS, IF, PL, TM
KY	RC	BT, CT, GP, IF, TM
LA	MC	BT, GP, GS, IF, PL, TM
LA	RC	BT, CT, GP, IF, TM
MA	MC	BT, GP, GS, IF, PL, TM
MA	RC	BT, CT, GP, IF, TM
MD	MC	BT, GP, GS, IF, PL, TM
MD	RC	BT, CT, GP, IF, TM
ME	MC	BT, GP, GS, IF, PL, TM
ME	RC	BT, CT, GP, IF, TM
MI	MC	BT, GP, GS, IF, PL, TM
MI	RC	BT, CT, GP, IF, TM
MN	MC	BT, GP, GS, PL, RF, TM
MN	RC	BT, GP, GS, IF, PL, TM
MO	MC	BT, GP, GS, IF, PL, TM
MO	RC	BT, CT, GP, IF, TM
MS	MC	BT, GP, GS, IF, PL, TM
MS	RC	BT, CT, GP, IF, TM
MT	MC	BT, GP, GS, IF, PL, TM
MT	RC	BT, CT, GP, IF, TM
NC	MC	BT, GP, GS, IF, PL, TM
NC	RC	BT, CT, GP, IF, TM
ND	MC	BT, GP, GS, IF, PL, TM
ND	RC	BT, CT, GP, IF, TM
NE	MC	BT, GP, GS, IF, PL, TM
NE	RC	BT, CT, GP, IF, TM
NH	MC	BT, GP, GS, IF, PL, TM
NH	RC	BT, CT, GP, IF, TM
NJ	MC	BT, GP, GS, IF, PL, TM
NJ	RC	BT, CT, GP, IF, TM
NM	MC	BT, GP, GS, IF, PL, TM
NM	RC	BT, CT, GP, IF, TM
NV	MC	BT, GP, GS, IF, PL, TM
NV	RC	BT, CT, GP, IF, TM
NY	MC	BT, GP, GS, IF, PL, TM
NY	RC	BT, CT, GP, IF, TM
OH	MC	BT, GP, GS, IF, PL, TM
OH	RC	BT, CT, GP, IF, TM
OK	MC	BT, GP, GS, IF, PL, TM

Province/State	Type Code	Facility Types Allowed
OK	RC	BT, CT, GP, IF, TM
OR	MC	BT, GP, GS, IF, PL, TM
OR	RC	BT, CT, GP, IF, TM
PA	MC	BT, GP, GS, IF, PL, TM
PA	RC	BT, CT, GP, IF, TM
RI	MC	BT, GP, GS, IF, PL, TM
RI	RC	BT, CT, GP, IF, TM
SC	MC	BT, GP, GS, IF, PL, TM
SC	RC	BT, CT, GP, IF, TM
SD	MC	BT, GP, GS, IF, PL, TM
SD	RC	BT, CT, GP, IF, TM
TN	MC	BT, GP, GS, IF, PL, TM
TN	RC	BT, CT, GP, IF, TM
TX	MC	BT, GP, GS, IF, PL, TM
TX	RC	BT, CT, GP, IF, TM
UT	MC	BT, GP, GS, IF, PL, TM
UT	RC	BT, CT, GP, IF, TM
VA	MC	BT, GP, GS, IF, PL, TM
VA	RC	BT, CT, GP, IF, TM
VT	MC	BT, GP, GS, IF, PL, TM
VT	RC	BT, CT, GP, IF, TM
WA	MC	BT, GP, GS, IF, PL, TM
WA	RC	BT, CT, GP, IF, TM
WI	MC	BT, GP, GS, IF, PL, TM
WI	RC	BT, CT, GP, IF, TM
WV	MC	BT, GP, GS, IF, PL, TM
WV	RC	BT, GP, GS, IF, PL, TM
WY	MC	BT, CT, GP, IF, TM
WY	RC	BT, CT, GP, IF, LN, RF, TM

Classification: Protected A

11. PRODUCTS ALLOWED IN CROSS BORDER ACTIVITIES

Within different Petrinex jurisdictions there may be different volumetric products allowed to be reported. This can become an issue when these products are used in a cross border REC/DISP activity. To prevent any problems the following table identifies which products may be used in cross border activities, and which may not.

In the following table "Behaviour" definitions are as follows:

No cross border: The product is not allowed for cross border activity where there is not a matching cross border product, but there is a reasonable alternate product. For example, SBASE is not a valid product for AB DISP to SK, but SUL could be used.

Miscellaneous: The product can only be used on cross border transactions if the from/to facility is miscellaneous. E.g. SK REC ASP from AB MC. Using MC does not create a physical cross border transaction.

Product Codes				Behaviour
Alberta	**Saskatchewan**	**British Columbia**	**Manitoba**	
ACGAS	ACGAS	ACGAS	ACGAS	
AIR	AIR	AIR	AIR	
	ALKWTR		ALKWTR	No cross border between SK/MB and AB/BC
	ASP		ASP	Miscellaneous
BRKWTR				No cross border .
	BRINE		BRINE	No cross border between SK/MB and AB/BC
C1-MX	C1-MX	C1-MX	C1-MX	
C2-MX	C2-MX	C2-MX	C2-MX	
C2-SP	C2-SP	C2-SP	C2-SP	
C3-MX	C3-MX	C3-MX	C3-MX	
C3-SP	C3-SP	C3-SP	C3-SP	Miscellaneous [Note1]
C4-MX	C4-MX	C4-MX	C4-MX	
C4-SP	C4-SP	C4-SP	C4-SP	
C5-MX	C5-MX	C5-MX	C5-MX	
C5-SP	C5-SP	C5-SP	C5-SP	
C6-MX		C6-MX		No cross border between AB/BC and SK/MB
C6-SP		C6-SP		No cross border between AB/BC and SK/MB

Product Codes				Behaviour
Alberta	Saskatchewan	British Columbia	Manitoba	
CO2	CO2	CO2	CO2	
CO2-MX	CO2-MX	CO2-MX	CO2-MX	
	CO2-SP		CO2-SP	No cross border between SK/MB and AB/BC
COND	COND	COND	COND	
DIESEL	DIESEL		DIESEL	No cross border between AB/SK/MB and BC
ENTGAS	ENTGAS	ENTGAS	ENTGAS	Cross border only between AB/BC
	FLUEGAS		FLUEGAS	No cross border between SK/MB and AB/BC
FSHWTR	FSHWTR		FSHWTR	No cross border between AB/SK/MB and BC
GAS	GAS	GAS	GAS	
HEAT				Miscellaneous
HELIUM	HELIUM		HELIUM	Cross border only between AB/SK/MB *Note*: BCMC misc. code for REC/DISP from/to BC
	HYDGN			Miscellaneous
IC4-MX	IC4-MX		IC4-MX	No cross border between AB/SK/MB and BC
IC4-SP	IC4-SP		IC4-SP	No cross border between AB/SK/MB and BC
IC5-MX	IC5-MX		IC5-MX	No cross border between AB/SK/MB and BC
IC5-SP	IC5-SP		IC5-SP	No cross border between AB/SK/MB and BC
LITEMX		LITEMX		No cross border between AB/BC and SK/MB
		LNG		Miscellaneous
N2	N2	N2	N2	
	NAPHTHA		NAPHTHA	Miscellaneous
NC4-MX	NC4-MX		NC4-MX	No cross border between AB/SK/MB and BC
NC4-SP	NC4-SP		NC4-SP	No cross border between AB/SK/MB and BC
NC5-MX	NC5-MX		NC5-MX	No cross border between AB/SK/MB and BC
NC5-SP	NC5-SP		NC5-SP	No cross border between AB/SK/MB and BC
O2	O2	O2	O2	
OIL	OIL	OIL	OIL	
	POLYMER		POLYMER	Miscellaneous
POWER				Miscellaneous
SBASE				No cross border
SBLOC				No cross border

Product Codes				Behaviour
Alberta	**Saskatchewan**	**British Columbia**	**Manitoba**	
SFORM				No cross border
SLATE				No cross border
SMOLT				No cross border
	SO2		SO2	Miscellaneous
SOLV	SOLV	SOLV	SOLV	
SPRILL				No cross border
STEAM	STEAM		STEAM	No cross border between AB/SK/MB and BC
SUL	SUL	SUL	SUL	
	SURF		SURF	Miscellaneous
SYNCRD	SYNCRD		SYNCRD	No cross border between AB/SK/MB and BC
WASTE	WASTE	WASTE	WASTE	
WATER	WATER	WATER	WATER	

Classification: Protected A