

eDMR Release Notes

Version: 0.50

Release Date: 10/7/2019

#	Issue	Issue Fix
1	Develop interface for Electronic Signature in EDMR	<p>eDMR System has been updated to include the necessary changes for complying with CROMERR to allow Electronic Signature to be accepted for report submittals in the eDMR system. Electronic Signature requirements only apply to users with Submitter permissions and have been delegated signatory authority. These changes include:</p> <p>All submitter users will be required to provide a notarized Electronic Signature Agreement (ESA) in order to sign reports electronically.</p> <ul style="list-style-type: none">• Submitters will be required to select 5 security questions as part of their user security credentials.• Submit action will require Submitter to verify their identity with successful completion of 2-factor authentication by re-entering their password and answering 1 of 5 security questions.• Submitter users cannot re-use passwords.• Submitter user account information can only be updated by the EDMR Administrator.• eDMR Copy of Record (COR) for the report will now be stored in eDMR with electronic signature and will now reflect a status of SUBMITTED. No signed hardcopies of the printed eDMR will be required to be mailed to the Division of Water Resources as of 10/7/2019.• Verification Codes will be utilized by the eDMR Administrator to verify Submitter user's identity prior to making any updates to a submitter user's account. User will be sent a Verification Code by email and will be required to provide code to eDMR Administrator.• Extensive data logging and tracking of Submitter user activity has been implemented in eDMR as a means to identify spurious account activity and misuse.• Additional email notifications to Submitter users have been implemented to communicate various events regarding report submittals in the eDMR system.• Implemented security features that limit the number of failed login attempts and failed submittal identity verification attempts before a Submitter user account is locked. User will be provided message when they are at risk of having their account locked after multiple failed attempts.• Temporary passwords will be implemented for all user accounts when password resets are requested from the eDMR Administrator and will be valid for 72 hrs.
2	Strengthen User Passwords in EDMR	<p>User password strength in eDMR has been changed with the following requirements:</p> <ul style="list-style-type: none">• At least 8 characters in length• Must contain at least 1 uppercase letter• Must contain at least 1 lowercase letter• Must contain at least 1 number <p>This will apply only when a password is changed or a new password is created.</p>

#	Issue	Issue Fix
3	Confirmation emails need to be automatically sent to users upon creation of a new user account in eDMR	<p>When a new user account is set up, a confirmation email will be automatically sent to the user with their User ID and other pertinent information. Additionally, a second email will be sent containing a temporary password. The temporary password will be valid for 72 hours.</p> <p>This applies to all new user accounts in the eDMR system.</p>
4	Validation warning occurs for missed monitoring when P/PASS, F/FAIL, Y/YES or N/NO values are entered for some parameters	<p>This Issue has been resolved so that the reported data will be validated accordingly. Missed monitoring validation warnings should no longer occur for some parameters when the non-numeric entry of P/PASS, F/FAIL, Y/YES or N/NO is entered for the result. Previously, the numeric equivalent of 0, 1 or 2 had to be entered in order to prevent the warnings from occurring.</p> <p>Now all entries, numeric and non-numeric, should be evaluated correctly during the validation step.</p>
5	Send email to Submitter when a report submittal fails. This failure occurs within 20-30 seconds after submittal and report status will reflect Failed To Submit.	<p>A notification email has been added and will be sent to the Submitter when a report Fails to Submit. There are occasions when the submittal will not successfully complete due to intermittent network/system issues as well as some data issues in report. Previously, the Submitter would only know the report failed to submit on the following day as they would not receive the confirmation email that processing had completed.</p> <p>When a report fails to submit, the report has not successfully been sent to the DWR system for processing.</p> <p>Should the submittal fail, this notification email will now be sent to the Submitter within 20-30 seconds after the report submittal, so user will immediately know that their report submittal was not successful and can attempt a re-submittal.</p>
6	Error messages can occur when import data via CSV file when the Sample Type in the Import Template is missing for a Parameter. The current error message states "Error reading input file: null.", which does not provide any details to user regarding the cause of the error.	<p>This issue has been resolved by providing an appropriate error message indicating there is an issue with a missing Sample Type for a parameter, which is required for all parameters in the Import CSV file. When importing a page into eDMR, an error could occur for a parameter that did not have a Sample Type specified in the Import Template or internal system that is used to create the CSV file. The previous error message stated "Error reading input file: null." and did not specify exactly what the issue was so the user was unable to correct.</p> <p>The error message will now read as follows and specify the parameter code that has the missing sample type:</p> <p>"Error Reading Input file: Parameter ##### is missing Sample Type."</p>

7	<p>Importing data into eDMR via CSV file does not check the allowable units of measure for a parameter. This has caused incorrect units of measure to be uploaded to the DWR Permit Data System resulting in warnings for invalid units of measure.</p>	<p>This issue has been fixed. When data is imported via CSV, the units of measure will now be validated to ensure the reported units are allowable units for each parameter. Previously, the invalid unit of measure were imported and by-passed checks in the data entry screen in which only the allowable units for a parameter were provided in the units drop-down box on the page data entry screen. The invalid units were stored in the database and the only way for user to see what was imported was to look at the PDF.</p> <p>This import validation for units will ensure that the correct units that are allowed for parameters are imported into the eDMR system and prevent the associated data issues that were being caused in eDMR and the DWR Permit Data System.</p>
8	<p>A system error message can occur with adding a Page to the report that is caused by a duplicate parameter issue with the DWR Permit Data System. The Permit Data System provides all monitoring requirement info to eDMR for creating the report and occasionally there can be data issues that affect some reports in eDMR</p>	<p>Instead of a System Error, a message is provided to the user when the error is due to a duplicate parameter. The message will be indicated as follows:</p> <p>“The <Page Name> Page cannot be created due to a duplicate parameter. Please contact the DWR staff at your local DEQ Regional Office for assistance.”</p> <p>Any issues with duplicate parameters must be resolved by the NPDES Permitting Unit.</p>