



ENERGY AND
ENVIRONMENT CABINET

eNotifications

USER GUIDE

VERSION 1.0

Prepared for:
Office of Administrative Services (OAS)

Introduction:

The Kentucky Energy and Environment Cabinet (EEC), Department of Environmental Protection (DEP) is committed to provide investments in Information Technology, which facilitate its mission of environmental stewardship. DEP has developed a web service application for facilities to submit electronic documents over the Internet.

The purpose of the guide is to focus on the eNotification public submittals via the eForms site and to provide a general description of the web methods. The API (Application Programming Interface) is at <https://dep.gateway.ky.gov/eForms.PublicSubmittals.WebApi/swagger/index.html>.

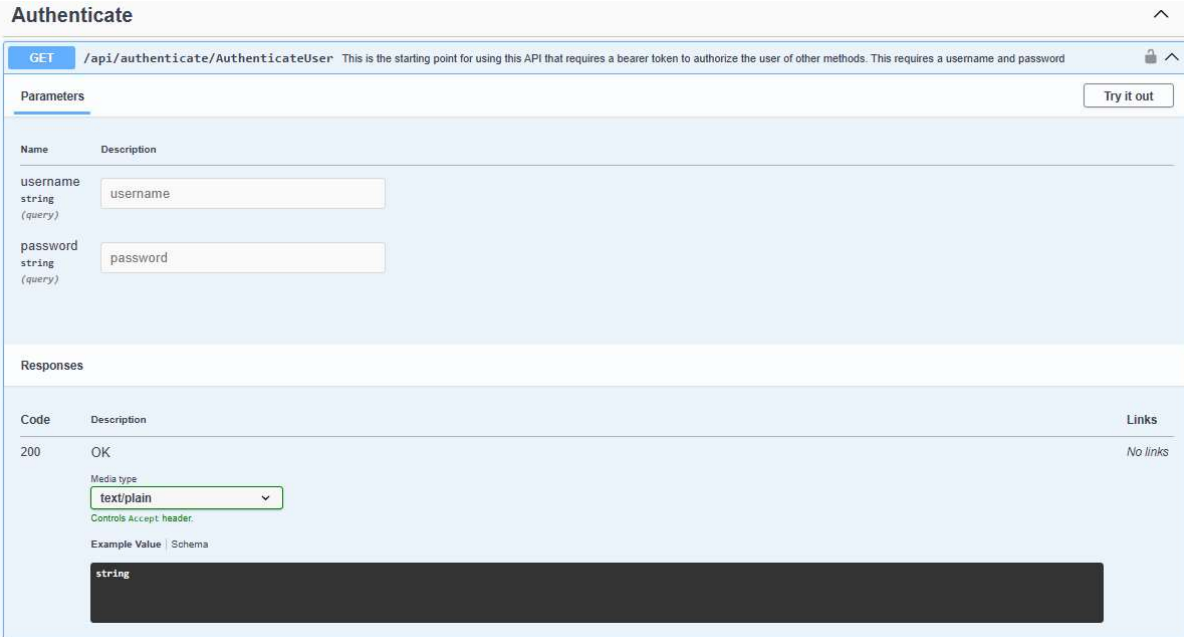
The current API methods published for consumption are:

1. Authenticate

GET: /api/authenticate/AuthenticateUser

Description:

This is the starting point for using this API that requires a bearer token to authorize the user of the other methods. This requires a username and password.



The screenshot shows the Swagger API interface for the 'Authenticate' endpoint. The URL is GET /api/authenticate/AuthenticateUser. The description states: 'This is the starting point for using this API that requires a bearer token to authorize the user of other methods. This requires a username and password.' There is a 'Try it out' button in the top right corner.

Parameters

Name	Description
username	username
password	password

Responses

Code	Description	Links
200	OK	No links

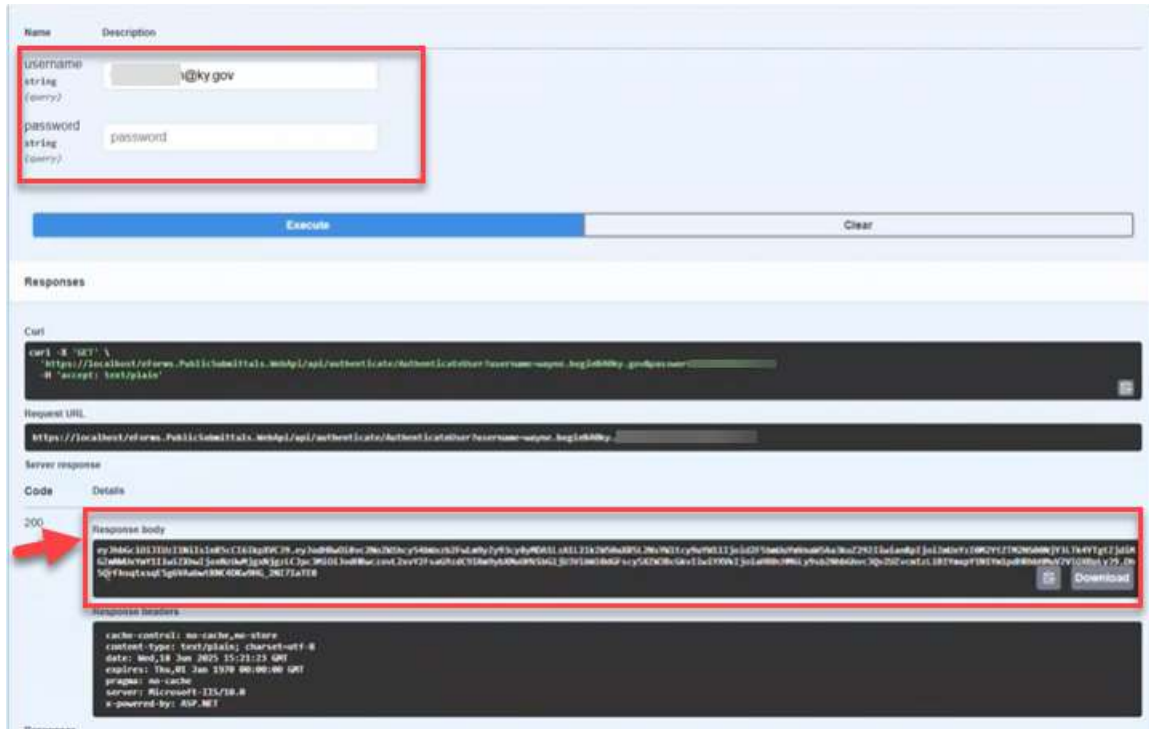
Media type: text/plain

Controls: Accept: header

Example Value | Schema

```
string
```

- Once enter the username and password, copy the token of the response body which is generated and to authenticate, you need to click the Authorize button on the top and then paste the copied Bearer token and click on authorize.



Note: All of the eNotification requests require login and require you to be authorized. You cannot call the eNotification until you have an active authorized session.

2. eNotification

2.1 Air Quality Notification

POST: /api/enotification/SubmitNewAirQualityNotification

Description:

Used to submit a new Air Quality Routine Notification Notice, Form ID 243 (eNotification Air Quality). This may not be used for Emergency notifications.

Some of these methods require values using the API calls.

Please use the following end points to get the values for this method:

Incident Types: <https://dep.gateway.ky.gov/DataAccessToolAPI/EEC/API/eNotifAirIncidentType>

Units: <https://dep.gateway.ky.gov/DataAccessToolAPI/EEC/API/eNotifAirQualityUnits>

Pollutants: <https://dep.gateway.ky.gov/DataAccessToolAPI/EEC/API/eNotifAirQualityPollutant>
Model Sample:

```
{ "incidentType": "544959", "incidentStartDate": "2025-02-19T18:18:26.659Z", "incidentEndDate": "2025-02-19T18:18:26.659Z", "agencyInterestId": 4, "natureOfIncident": "Need to shutdown equipment for repair.", "incidentLocation": "Along supply line, north west of facility building 123.", "actionTaken": "turned off equipment, removed part with new unit.", "causeAndDuration": "3 hours, replacing item", "otherSubstances": "none", "latitude": 36.55874, "longitude": -87.22541, "pollutant1": "544965", "quantity1": 100, "units1": "WF", "pollutant2": "544973", "quantity2": null, "units2": "", "pollutant3": "", "quantity3": , "units3": "", "pollutant4": "", "quantity4": null, "units4": "", "equipmentInvolved": "belt system", "courtesyNotification": true }
```

POST /api/enotification/SubmitNewAirQualityNotification
 Used to submit a new Air Quality Routine Notification Notice, Form ID 243 (eNotification Air Quality). This may not be used for Emergency notifications.

Please use the following end points to get values for this method.
 Incident Types: <https://dep.gateway.ky.gov/DataAccessToolAPI/EEC/API/eNotifAirIncidentType>
 Units: <https://dep.gateway.ky.gov/DataAccessToolAPI/EEC/API/eNotifAirQualityUnits>
 Pollutants: <https://dep.gateway.ky.gov/DataAccessToolAPI/EEC/API/eNotifAirQualityPollutant>

```
{ "incidentType": "544959", "incidentStartDate": "2025-02-19T18:18:26.659Z", "incidentEndDate": "2025-02-19T18:18:26.659Z", "agencyInterestId": 4, "natureOfIncident": "Need to shutdown equipment for repair.", "incidentLocation": "Along supply line, north west of facility building 123.", "actionTaken": "turned off equipment, removed part with new unit.", "causeAndDuration": "3 hours, replacing item", "otherSubstances": "none", "latitude": 36.55874, "longitude": -87.22541, "pollutant1": "544965", "quantity1": 100, "units1": "WF", "pollutant2": "544973", "quantity2": null, "units2": "", "pollutant3": "", "quantity3": , "units3": "", "pollutant4": "", "quantity4": null, "units4": "", "equipmentInvolved": "belt system", "courtesyNotification": true }
```

Parameters Try it out

No parameters

Request body application/json

Example Value | Schema

```
{
  "incidentType": "string",
  "incidentStartDate": "2025-02-19T17:47:12.888Z",
  "incidentEndDate": "2025-02-19T17:47:12.888Z",
  "agencyInterestId": 0,
  "natureOfIncident": "string",
  "incidentLocation": "string",
  "actionTaken": "string",
  "causeAndDuration": "string",
  "otherSubstances": "string",
  "latitude": 36.15,
  "longitude": -81.96,
  "pollutant1": "string",
  "quantity1": 0,
  "units1": "st",
  "pollutant2": "string",
  "quantity2": 0,
  "units2": "st",
  "pollutant3": "string",
  "quantity3": 0,
  "units3": "st",
  "pollutant4": "string",
  "quantity4": 0,
  "units4": "st",
  "equipmentInvolved": "string",
  "courtesyNotification": true
}
```

Responses

Code	Description	Links
200	OK	No links

Media type: text/plain

Controls Accept header:

Example Value | Schema

```
{
  "hasErrors": true,
  "errorMessage": "string",
  "result": 0
}
```

2.2 Drinking Water Notification

POST: /api/enotification/SubmitNewDrinkingWaterNotification

Description:

Used to submit a new Drinking Water Routine Notification Notice, Form ID 244 (eNotification Drinking Water). This may not be used for Emergency notifications.

Some of these methods require values using the API calls.

Please use the following end points to get the values for this method:

Incident Types:

<https://dep.gateway.ky.gov/DataAccessToolAPI/EEC/API/eNotifDrinkingWaterIncidentType>

Units: <https://dep.gateway.ky.gov/DataAccessToolAPI/EEC/API/eNotifDrinkingWaterUnits>

Pollutants: <https://dep.gateway.ky.gov/DataAccessToolAPI/EEC/API/eNotifDrinkingWaterPollutant>

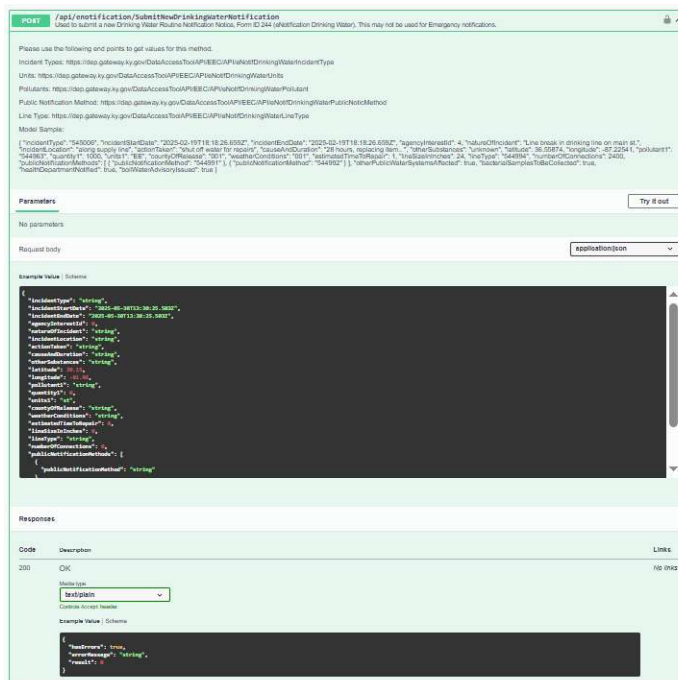
Public Notification Method:

<https://dep.gateway.ky.gov/DataAccessToolAPI/EEC/API/eNotifDrinkingWaterPublicNoticMethod>

Line Type: <https://dep.gateway.ky.gov/DataAccessToolAPI/EEC/API/eNotifDrinkingWaterLineType>

Model Sample:

```
{ "incidentType": "545006", "incidentStartDate": "2025-02-19T18:18:26.659Z", "incidentEndDate": "2025-02-19T18:18:26.659Z", "agencyInterestId": 4, "natureOfIncident": "Line break in drinking line on main st.", "incidentLocation": "along supply line", "actionTaken": "shut off water for repairs", "causeAndDuration": "28 hours, replacing item.. ", "otherSubstances": "unknown", "latitude": 36.55874, "longitude": -87.22541, "pollutantI": "544963", "quantity1": 1000, "units1": "EE", "countyOfRelease": "001", "weatherConditions": "001", "estimatedTimeToRepair": 1, "lineSizeInches": 24, "lineType": "544994", "numberOfConnections": 2400, "publicNotificationMethods": [ { "publicNotificationMethod": "544991" }, { "publicNotificationMethod": "544992" } ], "otherPublicWaterSystemsAffected": true, "bacterialSamplesToBeCollected": true, "healthDepartmentNotified": true, "boilWaterAdvisoryIssued": true }
```



2.3 Wastewater Notification

POST: /api/enotification/SubmitNewWastewaterNotification

Description:

Used to submit a new Drinking Water Routine Notification Notice, Form ID 245 (eNotification Wastewater). This may not be used for Emergency notifications.

Some of these methods require values using the API calls.

Please use the following end points to get the values for this method:

Incident Types: <https://dep.gateway.ky.gov/DataAccessToolAPI/EEC/API/eNotifWastewaterIncidentType>

Units: <https://dep.gateway.ky.gov/DataAccessToolAPI/EEC/API/eNotifWastewaterUnits>

Pollutants: <https://dep.gateway.ky.gov/DataAccessToolAPI/EEC/API/eNotifWastewaterPollutant>

Release To: <https://dep.gateway.ky.gov/DataAccessToolAPI/EEC/API/eNotifReleaseTo>

Receiving Waters:

<https://dep.gateway.ky.gov/DataAccessToolAPI/EEC/API/eNotifWaterbodyReceivingWaters>

County: <https://dep.gateway.ky.gov/DataAccessToolAPI/EEC/API/eNotifCounty>

Weather Conditions: <https://dep.gateway.ky.gov/DataAccessToolAPI/EEC/API/eNotifWeatherCondition>

Model Sample:

```
{ "incidentType": "545000", "incidentStartDate": "2025-03-03T21:07:47.687Z", "incidentEndDate": "2025-03-03T21:07:47.687Z", "agencyInterestId": 2, "natureOfIncident": "main hole cover overflow", "incidentLocation": "4th and branch rd", "actionTaken": "we just let it happen", "causeAndDuration": "heavy rain", "otherSubstances": "n/a", "latitude": 39.15, "longitude": -81.96, "pollutant1": "544952", "quantity1": 1234, "units1": "EE", "pollutant2": "", "quantity2": 0, "units2": "", "pollutant3": "", "quantity3": 0, "units3": "", "countyOfReleaseCode": "005", "weatherConditions": "017", "receivingWaters": "2855", "releaseTo": "544979", "unnamedTributary": true }
```

POST /api/enotification/SubmitNewWastewaterNotification
 Used to submit a new Drinking Water Routine Notification Notice, Form ID 245 (Notification Wastewater). This may not be used for Emergency notifications.

Please use the following end points to get values for this method.
 Incident Types: <https://dep.gateway.ky.gov/DataAccessTool/API/EEC/APIeNotif/WastewaterIncidentType>
 Units: <https://dep.gateway.ky.gov/DataAccessTool/API/EEC/APIeNotif/WastewaterUnits>
 Pollutants: <https://dep.gateway.ky.gov/DataAccessTool/API/EEC/APIeNotif/WastewaterPollutant>
 Release To: <https://dep.gateway.ky.gov/DataAccessTool/API/EEC/APIeNotif/ReleaseTo>
 Receiving Waters: <https://dep.gateway.ky.gov/DataAccessTool/API/EEC/APIeNotif/WaterbodyReceivingWaters>
 County: <https://dep.gateway.ky.gov/DataAccessTool/API/EEC/APIeNotif/County>
 Weather Conditions: <https://dep.gateway.ky.gov/DataAccessTool/API/EEC/APIeNotif/WeatherCondition>
 Model Sample: [https://dep.gateway.ky.gov/DataAccessTool/API/EEC/APIeNotif/ModelSample](#)

["incidentType": "545000", "incidentStartDate": "2025-03-03T21:07:47.687Z", "incidentEndDate": "2025-03-03T21:07:47.687Z", "agencyInterestId": 2, "natureOfIncident": "main hole cover overflow", "incidentLocation": "A1h and Branch rd", "actionTaken": "we just let it happen", "causeAndDuration": "heavy rain", "otherSubstances": "nila", "latitude": 39.15, "longitude": -81.56, "pollutant1": "544952", "quantity1": 1234, "units1": "EE", "pollutant2": "", "quantity2": 0, "units2": "", "pollutant3": "", "quantity3": 0, "units3": "", "countyOrReleaseCode": "005", "weatherConditions": "017", "receivingWaters": "2850", "releaseTo": "544979", "unnamedTributary": true]

Parameters Try it out

No parameters

Request body application/json

Example Value | Schema

```
{
  "incidentType": "string",
  "incidentStartDate": "2025-03-03T21:07:47.687Z",
  "incidentEndDate": "2025-03-03T21:07:47.687Z",
  "agencyInterestId": 0,
  "natureOfIncident": "string",
  "incidentLocation": "string",
  "actionTaken": "string",
  "causeAndDuration": "string",
  "otherSubstances": "string",
  "latitude": 39.15,
  "longitude": -81.56,
  "pollutant1": "string",
  "quantity1": 0,
  "units1": "string",
  "pollutant2": "string",
  "quantity2": 0,
  "units2": "string",
  "pollutant3": "string",
  "quantity3": 0,
  "units3": "string",
  "countyOrReleaseCode": "str",
  "weatherConditions": "string",
  "receivingWaters": "str",
  "releaseTo": "string"
}
```

Responses

Code	Description	Links
200	OK	No links

Media Type:

Content Accept Header:

Example Value | Schema

```
{
  "hasErrors": true,
  "errorMessage": "string",
  "result": 0
}
```

2.4 Air Quality Notification Response to a Submittal Deficiency

POST: /api/enotification/SubmitAirQualityNotificationResponse

Description:

Used to submit a response to an existing Air Quality Notification Notice, Form ID 243 (Air Quality eNotification). This may not be used for Emergency notifications. This method is a full replace, meaning all data will be updated to the values provided in the submittal. The status will change and is a response to a Notice of Deficiency and submits the response to EEC. You must have access to the eForm submittal. The permit submittal ID is required which shows up on the eForms Dashboard.

POST /api/enotification/SubmitAirQualityNotificationResponse
 Used to submit a response to an existing Air Quality Notification Notice, Form ID 243 (Air Quality eNotification). This may not be used for Emergency notifications. This method is a full replace, meaning all data will be updated to the values provided in the submittal. The status will change and is a response to a Notice of Deficiency and submits the response to EEC. You must have access to the eForm submittal.

See SubmitNewAirQualityNotification for additional information.

Parameters Try it out

No parameters

Request body application/json

Example Value | Schema

```
{
  "incidentType": "string",
  "incidentStartDate": "2025-05-30T15:53:48.118Z",
  "incidentEndDate": "2025-05-30T15:53:48.118Z",
  "agencyInterestId": 0,
  "natureOfIncident": "string",
  "incidentLocation": "string",
  "actionTaken": "string",
  "causeAndDuration": "string",
  "otherSubstances": "string",
  "latitude": 0.0,
  "longitude": 0.0,
  "pollutant1": "string",
  "quantity1": 0,
  "units1": "se",
  "pollutant2": "string",
  "quantity2": 0,
  "units2": "se",
  "pollutant3": "string",
  "quantity3": 0,
  "units3": "se",
  "pollutant4": "string",
  "quantity4": 0,
  "units4": "se",
  "equipmentInvolved": "string",
  "courtesyNotification": true,
  "permitSubmittalId": 0
}
```

Responses

Code	Description	Links
200	OK	No links

Media type: text/plain

Controls Accept header:

Example Value | Schema

```
{
  "hasErrors": true,
  "errorMessage": "string",
  "result": "string"
}
```

2.5 Drinking Water Notification Response to a Submittal Deficiency

POST: /api/enotification/SubmitDrinkingWaterNotificationResponse

Description:

Used to submit a response to an existing Drinking Water Notification Notice, Form ID 244 (Drinking Water eNotification). This may not be used for Emergency notifications. This method is a full replace, meaning all data will be updated to the values provided in the submittal. The status will change and is a response to a Notice of Deficiency and submits the response to EEC. You must have access to the eForm submittal. The permit submittal ID is required which shows up on the eForms Dashboard.

POST /api/enotification/submitDrinkingWaterNotificationResponse

Used to submit a response to an existing Drinking Water Notification Notice, Form ID 244 (Drinking Water eNotification). This may not be used for Emergency notifications. This method is a full replace, meaning all data will be updated to the values provided in the submittal. The status will change and is a response to a Notice of Deficiency and submits the response to EEC. You must have access to the eForm submittal.

See SubmitNewDrinkingWaterNotification for additional information.

Parameters Try it out

No parameters

Request body application/json

Example Value | [Schema](#)

```
{
  "incidentType": "string",
  "incidentStartDate": "2025-08-30T16:57:58.899Z",
  "incidentEndDate": "2025-08-30T16:57:58.899Z",
  "agencyInterestId": 0,
  "natureOfIncident": "string",
  "incidentLocation": "string",
  "actionTaken": "string",
  "causeAndDuration": "string",
  "otherSubstances": "string",
  "latitude": 39.13,
  "longitude": -81.99,
  "pollutant": "string",
  "quantity": 0,
  "unit": "st",
  "countyOfRelease": "string",
  "weatherConditions": "string",
  "estimatedInchesOfRain": 0,
  "lineSizeInches": 0,
  "lineType": "string",
  "numberOfConnections": 0,
  "publicNotificationMethods": [
    {
      "publicNotificationMethod": "string"
    }
  ],
  "otherPublicWaterSystemsAffected": true,
  "bacterialsamplesCollected": true,
  "healthDepartmentNotified": true
}
```

Responses

Code	Description	Links
200	OK	No links

Media type:

Controls Accept header:

Example Value | [Schema](#)

```
{
  "hasErrors": true,
  "errorMessage": "string",
  "result": "string"
}
```

2.6 Wastewater Notification Response to a Submittal Deficiency

POST: /api/enotification/SubmitWastewaterNotificationResponse

Description:

Used to submit a response to an existing Wastewater Notification Notice, Form ID 245 (Wastewater eNotification). This may not be used for Emergency notifications. This method is a full replace, meaning all data will be updated to the values provided in the submittal. The status will change and is a response to a Notice of Deficiency and submits the response to EEC. You must have access to the eForm submittal. The permit submittal ID is required which shows up on the eForms Dashboard.

POST /api/enotification/SubmitWastewaterNotificationResponse

Used to submit a response to an existing Wastewater Notification Notice, Form ID 245 (Wastewater eNotification). This may not be used for Emergency notifications. This method is a full replace, meaning all data will be updated to the values provided in the submittal. The status will change and is a response to a Notice of Deficiency and submits the response to EEC. You must have access to the eForm submittal.

See SubmitNewWastewaterNotification for additional information.

Parameters Try it out

No parameters

Request body application/json

Example Value | Schema

```

{
  "IncidentType": "string",
  "IncidentsStartDate": "2025-06-17T16:55:52.381Z",
  "IncidentEndDate": "2025-06-17T16:55:52.381Z",
  "AgencyInterestID": 0,
  "NatureOfIncident": "string",
  "IncidentLocation": "string",
  "ActionTaken": "string",
  "CauseOfIncident": "string",
  "OtherSubstances": "string",
  "Latitude": 0.15,
  "Longitude": 81.55,
  "Pollutant1": "string",
  "Quantity1": 0,
  "Unit1": "st",
  "Pollutant2": "string",
  "Quantity2": 0,
  "Unit2": "st",
  "Pollutant3": "string",
  "Quantity3": 0,
  "Unit3": "st",
  "CountyOfReleaseCode": "str",
  "WeatherConditions": "string",
  "ReceivingWaters": "stri",
  "ReleaseID": "string",
  "UnnamedTributary": true,
  "PermitSubmittalID": 0
}
    
```

Responses

Code	Description	Links
200	OK	No links

Media type:

Controls: Accept header.

Example Value | Schema

```

{
  "hasErrors": true,
  "errorMessage": "string",
  "result": "string"
}
    
```

2.7 Get Status

GET: /api/enotification/getStatus

Description:

Used to get the workflow status of a specific eForms Submittal ID.

GET /api/enotification/getStatus Used to get the workflow status of a specific eForms Submittal ID.

Parameters Try it out

Name	Description
eFormSubmittalId Integer (\$int32) (query)	eFormSubmittalId

Responses

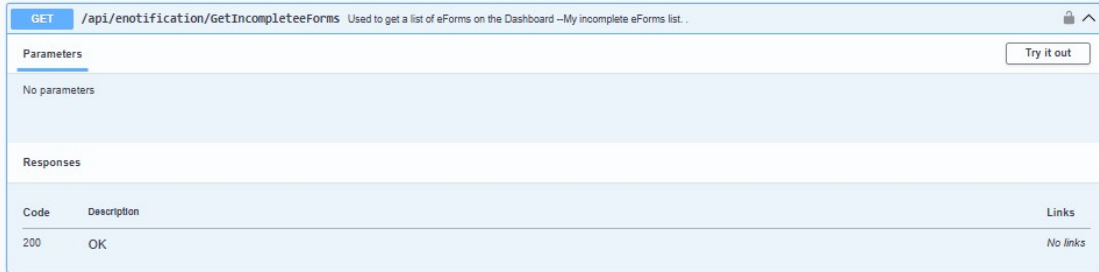
Code	Description	Links
200	OK	No links

2.8 Get Incomplete eForms

GET: /api/enotification/GetIncompleteForms

Description:

Used to get a list of eForms on the Dashboard – My incomplete eForms list.



2.9 Get Requires Response eForm

GET: /api/enotification/getRequiresResponseForm

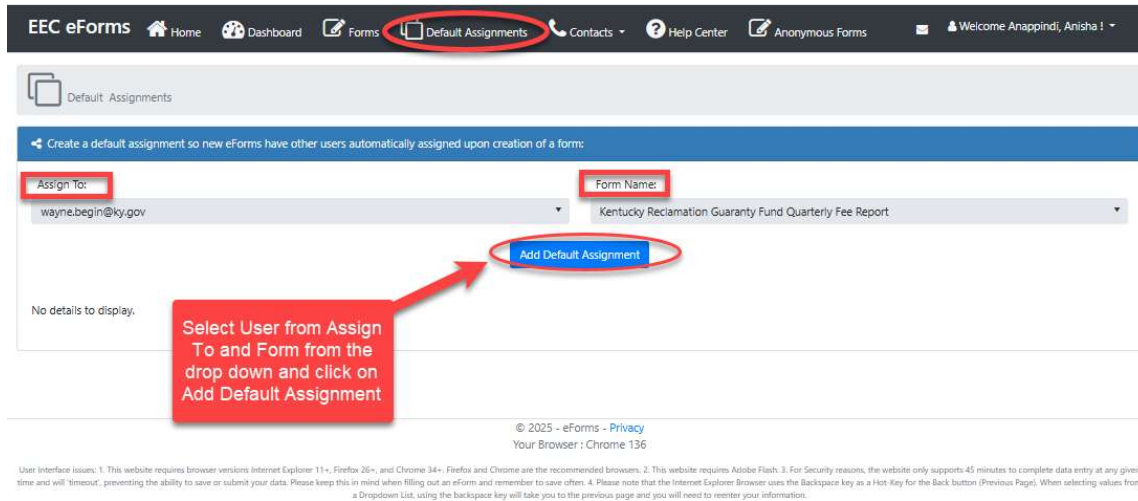
Description:

Used to get a eForms that is under review based on a previously submitted Id. eForm maintains the original copy once submitted and that prevents changes. As a result, any eForm deemed by the Agency as deficient or incomplete will be assigned a new eForm Submittal Id and appear on one's dashboard. This API method will return an active eForm Submittal associated with any previous submitted Ids, if one exists and requires a response.



3. Default Assignments:

Default Assignment allows a user to automatically assign newly created eForms to specific users, replacing the need to perform the task every time a new eForm is created. Under the “Default Assignments” tab, under Assign To, select the user that you want to have a copy of the eForm and select the Form Name and click on Default Assignment. Default Assignment is both form type and user specific.



- The default assignment is only from the creation of a new eForm which gets assigned at the creation point.
- If there is anything historic, these eForms are not impacted.
- If the assignment is removed, it likewise no longer automatically assigns for that specific user and form.

