



Keystone Environmental ePermitting System (KEES)

Overview

May 1, 2018



- A web-based application for the preparation, review, and approval of environmental permit applications
 - Designed through a collective effort between PennDOT application preparers and DEP reviewers.
 - Supported by a team of business analysts, system analysts, user interface experts, system architects, database administrators, and developers.
- Launched in June 2017



- Users include: PennDOT Permit Applicants, Reviewers, Approvers, and Commenting Agencies
- Supports Chapter 105 GP8, GP11, Standard, and Small applications

What is KEES?

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- Keeps the user community updated with real-time application status and on-screen benchmark dates

Create KEES Project My Work Queue Quick Links Administration Reports Welcome Byrne Brown

| | | | |
|---|---|-----------------------------|--|
| KEES Project: 2271 - Group 592 | Applicant: PA DOT ENGINEERING DIS... | Status: In Preparation | Event History: View Details |
| Permit Type: GP-11 | Created by: Kees bptest2 05/12/2017 | Application Number: 2279 | Cycle: 0 |
| Permit Number: | Authorization ID: | APS Number: | |

Event History

| Event | Action | Date | Status | User |
|--|------------------------------------|------------------|------------------------------|-----------------|
| Application Reopened for Edit | Unverify data section | 04/25/2018 12:51 | In Preparation (Incomplete) | Kristin Aiosa |
| Application Ready to Submit | Verify during Deficiency Response | 04/12/2018 14:10 | Ready to Submit (Incomplete) | Kristin Aiosa |
| Letter and Recommendation Approved | Accept | 02/22/2018 16:20 | Incomplete | Michael Forbeck |
| Application Resubmitted | Submit Application | 02/22/2018 16:08 | Submitted | Kristin Aiosa |
| Incompleteness Response Letter Uploaded | Submit Application | 02/22/2018 16:08 | Submitted | Kristin Aiosa |
| Draft Incompleteness Response Letter Saved | Edit Response to Deficiency Letter | 02/22/2018 16:08 | Ready to Submit (Incomplete) | Kristin Aiosa |
| Application Ready to Submit | Verify during Deficiency Response | 02/22/2018 16:08 | Ready to Submit (Incomplete) | Kristin Aiosa |
| Letter and Recommendation Approved | Accept | 02/22/2018 15:42 | Incomplete | Michael Forbeck |
| Application Submitted | Submit Application | 02/22/2018 15:37 | Submitted | Kristin Aiosa |
| Application Ready to Submit | Verify QA_QC checklist | 02/22/2018 15:36 | Ready to Submit | Kristin Aiosa |

What is KEES?

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- Automates workflow for application preparation, review, and approval



Work Items

My Work Queue **All My Items**

In Preparation 40 [Expand](#)

Final Applicant Review 1 [Collapse](#)

| Project | Application/Permit ID | Permit Type | KEES Role | Applicant | Cycle Number | Anticipated Date | Submitted Date |
|--|-----------------------|----------------------|--------------------|--------------------------------|--------------|------------------|----------------|
| 375 - D2 Clearfield 12 | 421 | Standard Application | Application Editor | PA DOT ENGINEERING DISTRICT D2 | 0 | | |

Ready to Submit 1 [Expand](#)

Technical Deficiency 1 [Expand](#)

Incomplete 1 [Expand](#)

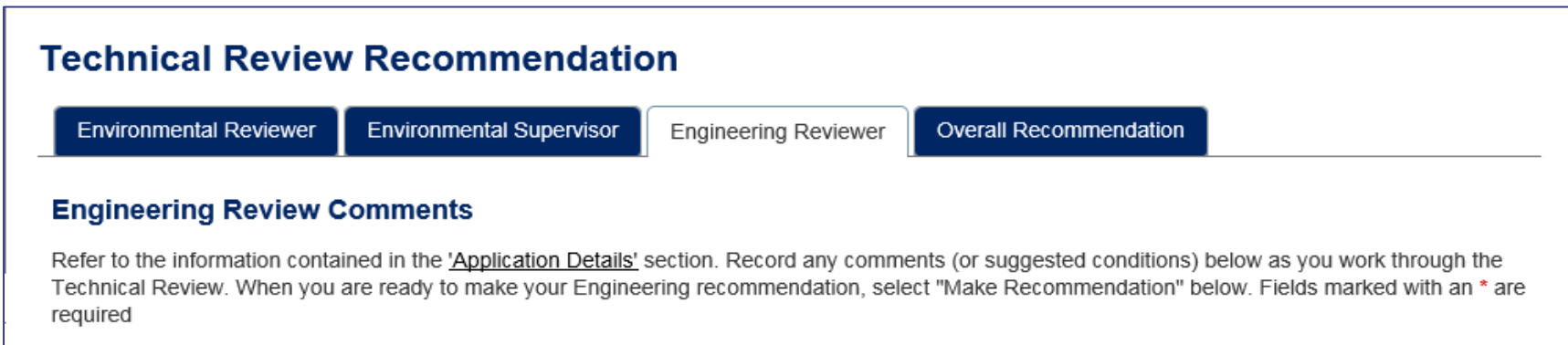
Conditionally Authorized 1 [Expand](#)

In Preparation (Incomplete) 1 [Expand](#)

➤ Tabbed interfaces support parallel data input for applicants...



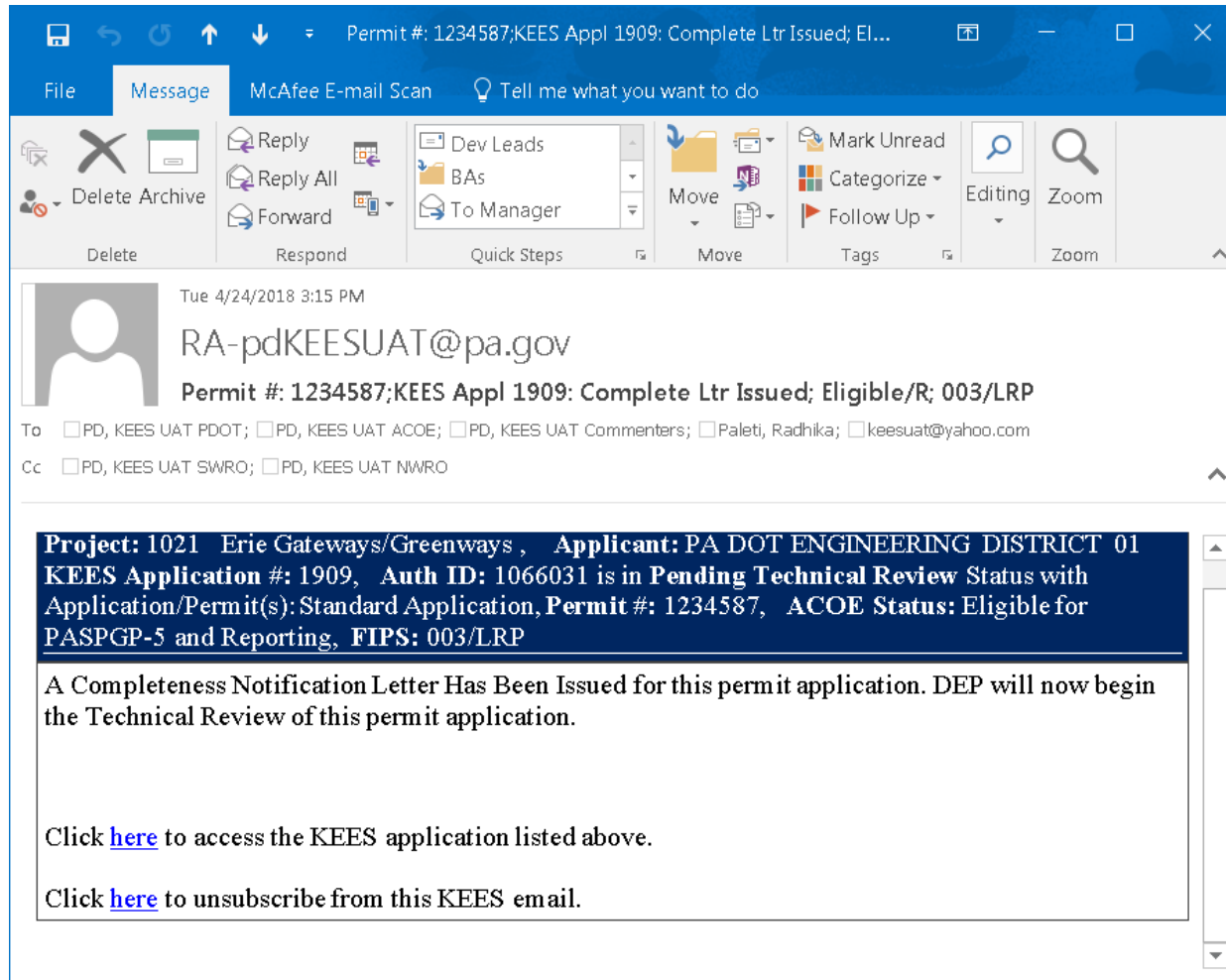
and parallel application review for DEP reviewers



What is KEES?

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- Real-time emails keep applicants and reviewers informed



The screenshot shows an email client window with the following details:

- Subject:** Permit #: 1234587;KEES Appl 1909: Complete Ltr Issued; El...
- Sender:** RA-pdKEESUAT@pa.gov
- Received:** Tue 4/24/2018 3:15 PM
- Body:**

Project: 1021 Erie Gateways/Greenways , Applicant: PA DOT ENGINEERING DISTRICT 01 KEES Application #: 1909, Auth ID: 1066031 is in Pending Technical Review Status with Application/Permit(s): Standard Application, Permit #: 1234587, ACOE Status: Eligible for PASPGP-5 and Reporting, FIPS: 003/LRP

A Completeness Notification Letter Has Been Issued for this permit application. DEP will now begin the Technical Review of this permit application.

Click [here](#) to access the KEES application listed above.

Click [here](#) to unsubscribe from this KEES email.

What is KEES?

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- User interface design gives quick access to common tools

The screenshot displays the KEES application interface. At the top, there is a green navigation bar with links for 'Create KEES Project', 'Work Items', 'Quick Links', and 'Reports', and a user greeting 'Welcome Kristin Aiosa'. Below this is a metadata section with fields for 'KEES Project', 'Applicant', 'Status', 'Event History', 'Permit Type', and 'Created by'. The main content area features a large heading 'Application Details' and a horizontal breadcrumb trail with steps: 'Applicant Info', 'Consultant', 'Point of Contact', 'Permit Type', 'Related Projects', 'GIS Info', 'Participants', and 'Summary'. A 'MANAGE APPLICATION' button with a wrench icon is visible, which has opened a dropdown menu containing three options: 'Copy Application', 'Create PDF', and 'Delete Application'.

| | | | | | |
|---|--|---------------------------|--|----------------------|---------------------------------------|
| KEES Project: 1037 - Ramp G to 579 South | Applicant: PA DOT ENGINEERING DIST... | Status: In Preparation | Event History: View Details | Permit Type: GP-8 | Created by: pduattest88 02/23/2018 |
| Application Number: 1982 | Cycle: 0 | Permit Number: | Authorization ID: | APS Number: | |

Application Details

MANAGE APPLICATION

- Copy Application
- Create PDF
- Delete Application

Applicant Info > Consultant > Point of Contact > Permit Type > Related Projects > GIS Info > Participants > Summary

- User interface techniques also ensure scalability for mobile devices.

Attachments

You can modify which optional Document Types are required. This change will take effect for this application only. Click on each Document Type to upload a document. Mouse over the Document Type for a description. * - Required - Replace - Edit Description - Delete Checked Out

Valid file extensions: doc, docx, jpg, jpeg, JPG, pdf, PDF, txt, xls, xlsx, zip . Maximum file size is 50 Mb . Maximum file name is 64 characters. File names cannot contain the following characters / \ ? : * * < > | '
File Names must be unique for each Document Type.

[MODIFY OPTIONAL OR REQUIRED](#)

[Expand/Collapse All](#)

* Aquatic Resource Impacts Table 1 Verified by : Kristin Aiosa [Collapse](#)

Aquatic Resource Impacts Table...
Size: .0134 mb Cycle: 0 Version:1
Uploaded by: Kristin Aiosa on 03/30/2018 Description:

[UNVERIFY](#)

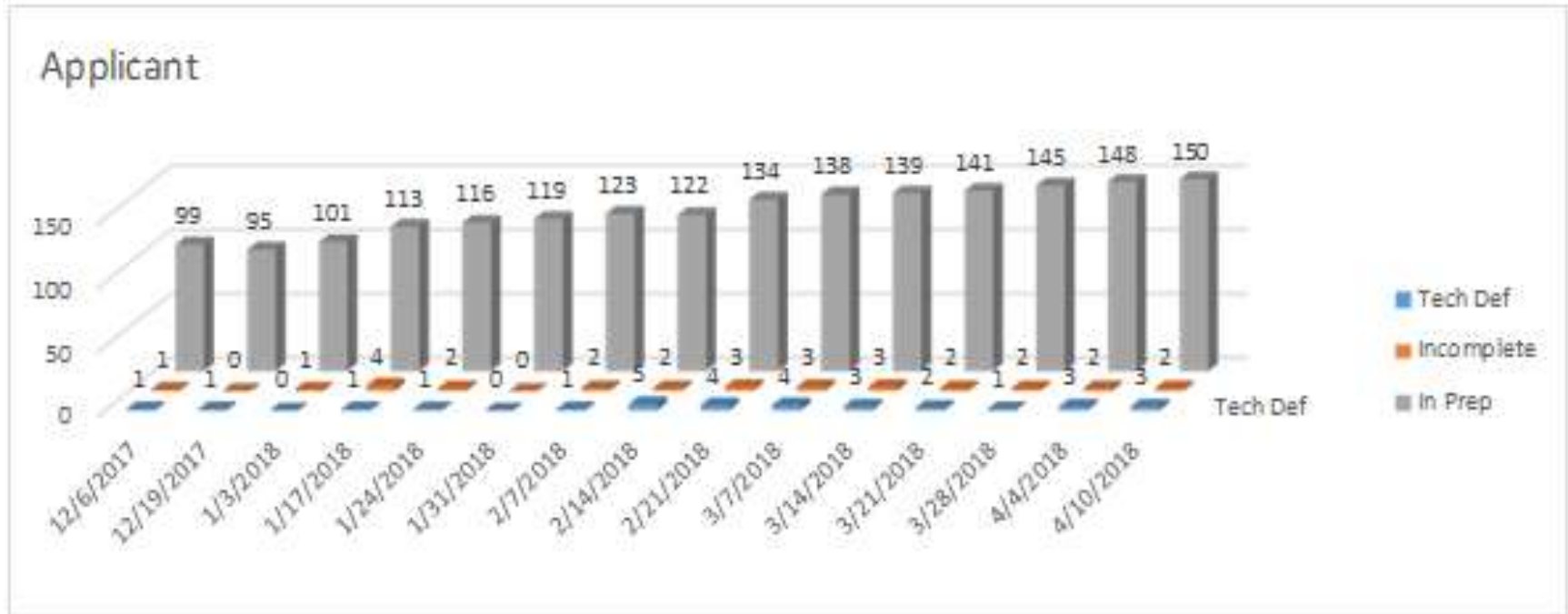
* Location Map 3 [Collapse](#)

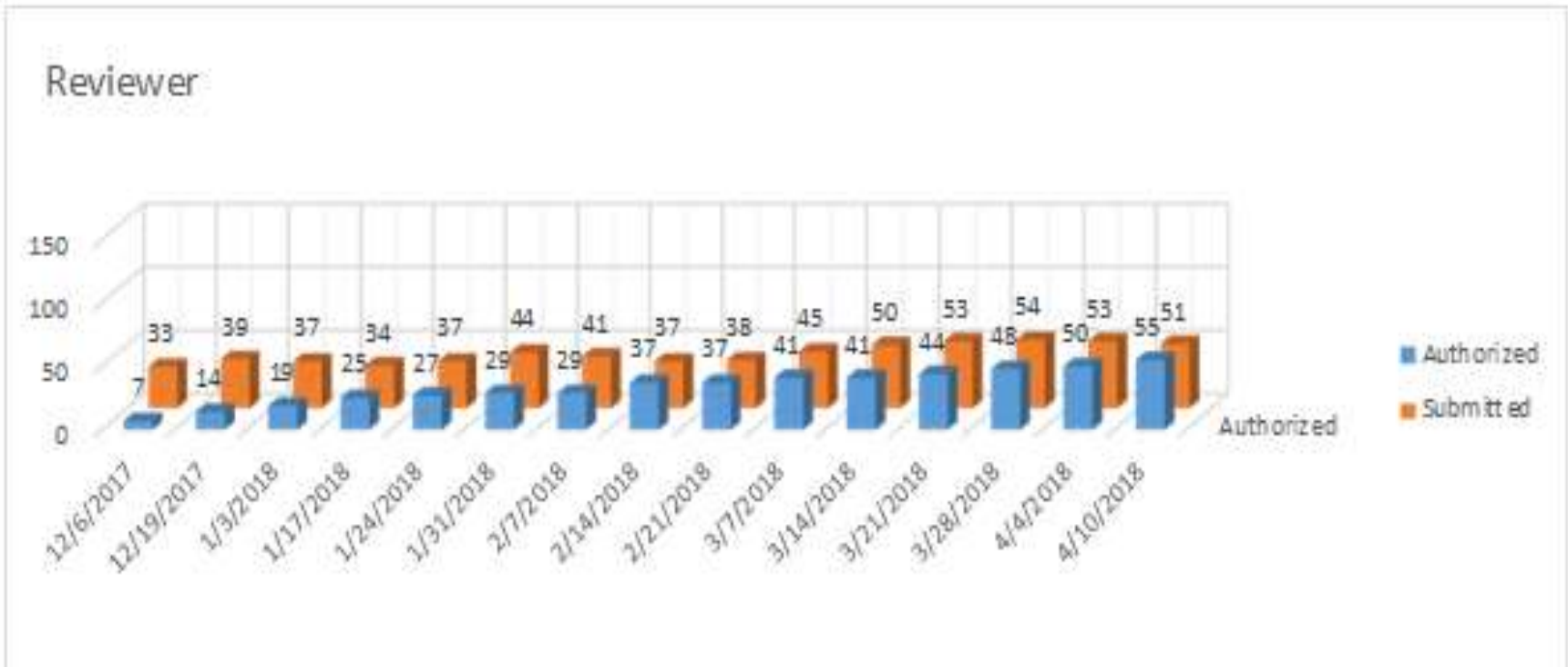
Location Map.docx
Size: .0131 mb Cycle: 0 Version:1
Uploaded by: Kristin Aiosa on 03/30/2018 Description:
[Replace](#) [Description](#) [Delete](#)

Location Map 2 of 3.docx
Size: .0131 mb Cycle: 0 Version:1
Uploaded by: Kristin Aiosa on 05/01/2018 Description:
[Replace](#) [Description](#) [Delete](#)

Location Map 3 of 3.docx
Size: .0131 mb Cycle: 0 Version:1
Uploaded by: Kristin Aiosa on 05/01/2018 Description:
[Replace](#) [Description](#) [Delete](#)

[UPLOAD](#) [VERIFY](#)





- New functionality post Release 1
 - Email Management
 - PNDI Clearances, E&S Approval Letters
 - Extension Requests
 - Withdrawing Applications

- Planned functionality
 - Additional GPs
 - Advanced Search
 - Primary Facilities
 - Subfacilities
 - Amendments
 - Permit Close-Out/Project

- Additional GPs

Add Application

*Select the permit application group:
Chapter 105: Joint Permit Application

*Select the permit type for this application:
 Standard Application
 Small Project Application

Add Application

*Select the permit application group:
Chapter 105: General Permit Registration

*Select the permit type for this application:

- (GP-1) Fish Habitat Enhancement Structures
- (GP-2) Small Docks & Boat Launching Ramps
- (GP-3) Bank Rehabilitation, Bank Protection and Gravel Bar Removal
- (GP-4) Intake and Outfall Structures
- (GP-5) Utility Line Stream Crossings
- (GP-6) Agricultural Crossings and Ramps
- (GP-7) Minor Road Crossings
- (GP-8) Temporary Road Crossings
- (GP-9) Agricultural Activities
- (GP-11) Maintenance, Testing, Repair, Rehabilitation, or Replacement of Water Obstructions and Encroachments
- (GP-8 and GP-11) Temporary Road Crossings *and* Maintenance, Testing, Repair, Rehabilitation, or Replacement of Water Obstructions and Encroachments

CANCEL CREATE

- Advanced Search

Advanced Search

Search Criteria ▼ Collapse

ACOE

ACOE District:

- (Value)
- (Value)
- (Value)
- (Value)
- (Value)

ACOE Reporting Status:

- Eligible for PA-SPGP-5 and Reporting
- Eligible for PA-SPGP-5 and Non-Reporting
- Ineligible for PA-SPGP-5
- Not Specified
- Any Reporting Status

Applicant / Consultant

Applicant:

- (Value)
- (Value)
- (Value)
- (Value)
- (Value)

Consultant (Organization):

Date

Date Range:

From (mm/dd/yyyy) To (mm/dd/yyyy)

i Enter only a from date to search for a specific date.

Date Type:

- Submitted Date
- Status Date

Status:

- (Value)
- (Value)
- (Value)
- (Value)
- (Value)

- Primary Facilities

Application Details MANAGE APPLICATION

○ Applicant Info ○ Consultant ● Point of Contact ● Permit Type ● Related Projects ● GIS Info ● Participants ○ Adjoining Property Owner ○ GIF ○ Facilities Details

○ Attachments Summary

Facilities Details

Primary Facility Details

• Primary Facility Name: *

Primary Facility ID (PFID):

County:
ALLEGHENY

Municipality:

Applicant Client ID and Name:
PA DOT ENGINEERING DISTRICT 11

Site Name:
ALLEGHENY

Directions to Primary Facility:

SAVE PRIMARY FACILITY

- Subfacilities

Add Sub Facility

• Sub Facility Type:
Channel Work

Sub Facility ID:
-

• Sub Facility Name (make this a unique name to avoid confusion):
Channel Mod test

Comments:
Comments Test

County:
ALLEGHENY

Directions:
12'

Municipality:
AVALON

Location Information

I will supply latitude and longitude coordinates in:
 Decimal degrees
 Degrees, minutes, seconds (DMS)

Latitude: 40.0 Longitude: -75.0

Horizontal Collection Method Code: Select One

Horizontal Reference Datum Code: Select One

Horizontal Accuracy Measure: Ex: 12345.123 Select One

Reference Point Code: Select One

Altitude: Ex: 12345678.12 Select One

Altitude Datum Name Code: Select One

Altitude Location Datum Collection Method Code: Select One

Geometric Type Code: Select One

Data Collection Date: []

- Primary Facilities and Subfacilities

| | | | | | |
|---|--|---------------------------|--|--------------------------------------|---|
| KEES Project: 4554 - test test project | Applicant: PA DOT ENGINEERING DISTRICT 11 | Status: In Preparation | Event History: View Details | Permit Type: Standard Application | Created by: DefaultFullName 04/19/2015 |
| Application Number: 6192 | Cycle: 0 | Permit Number: | Authorization ID: | APS Number: | |

Application Details

[MANAGE APPLICATION](#)

Applicant Info Consultant Point of Contact Permit Type Related Projects GIS Info Participants Adjoining Property Owner GIF Facilities Details

Attachments Summary

Facilities Details

Primary Facility Details


| | |
|--|---|
| Primary Facility Name: Primary Facility Demo Test | Applicant Client ID and Name: PA DOT ENGINEERING DISTRICT 11 |
| Primary Facility ID (PF ID): - | Site Name: ALLEGHENY |
| County: ALLEGHENY | Directions to Primary Facility: 12 |
| Municipality: ASPINWALL | |

[EDIT PRIMARY FACILITY](#)


Sub Facilities

| | |
|---|--|
| <div style="border: 1px solid #004a99; padding: 5px; background-color: #f9f9f9;"> Channel Mod test Type: Channel Work Facility ID: - Municipality: WYALON County: ALLEGHENY </div> <div style="text-align: right; margin-top: 5px;"> Edit Copy Delete </div> | <div style="border: 1px solid #004a99; padding: 5px; background-color: #f9f9f9;"> Dock Type test Type: Dock Facility ID: - Municipality: ASPINWALL County: ALLEGHENY </div> <div style="text-align: right; margin-top: 5px;"> Edit Copy Delete </div> |
|---|--|


[ADD SUB FACILITY](#)



pennsylvania
DEPARTMENT OF TRANSPORTATION



KEES Keystone Environmental ePermitting System



pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION