**APGA POG Incident Database - Version 2 - General Information & Event Entry PDF's**

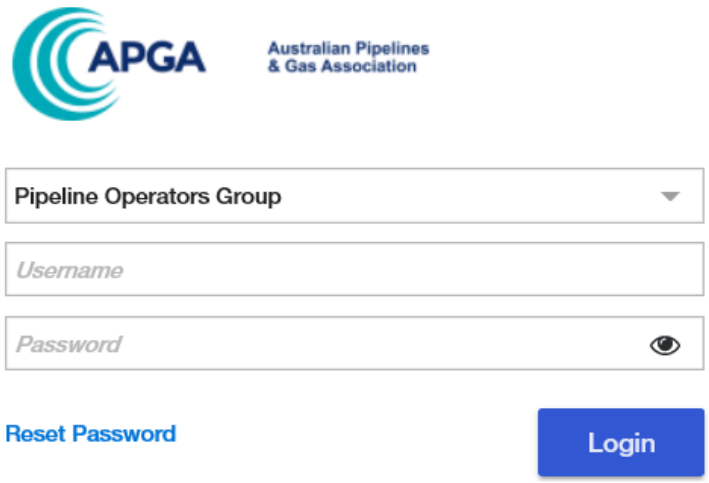
**Background:** Driven by poorly controlled data in the existing database making analysis difficult and inconclusive, the POG Incident Database Sub Committee undertook a review of the entry fields. Following on from the review, the POG Incident Database Manager undertook a data cleanse of the existing data, review of the updated system in conjunction with Mipela and development of event entry PDF's. Near Miss event entry form was updated in April 20 following review and reduction of required fields.

**General Information:** The updated Incident Database system requires Mipela Info Connect version 5.1 and a modern browser[1]. This version has more drop-down lists[2], has many more mandatory fields[3], more controlled fields and guidance information[4]. It is therefore recommended to select the relevant event entry PDF's from the attached series, print it and fill out manually before starting to enter the event[5,6] details in the system.

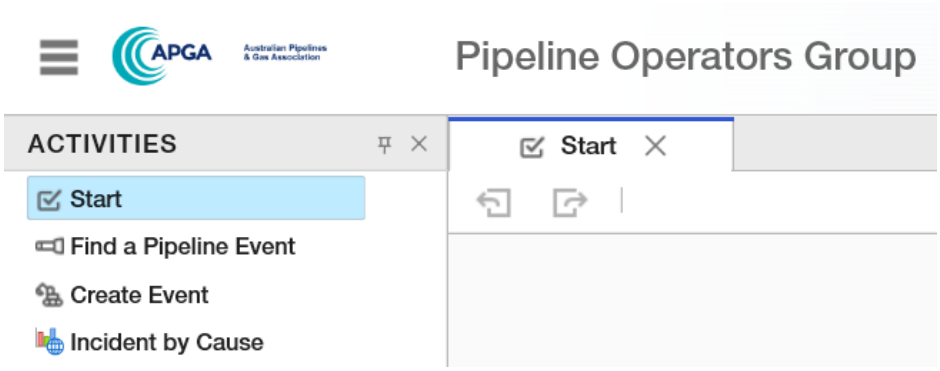
**Getting started:** Open the pipeline event entry log-in page from either of the following links:

- Via APGA Members section under POG link https://www.apga.org.au/members-only/
- Via Mipela X-Info link https://apgapog.x-info.com.au

Enter your Username and Password and hit Login. Contact APGA's Peter Heffernan if you need further assistance.

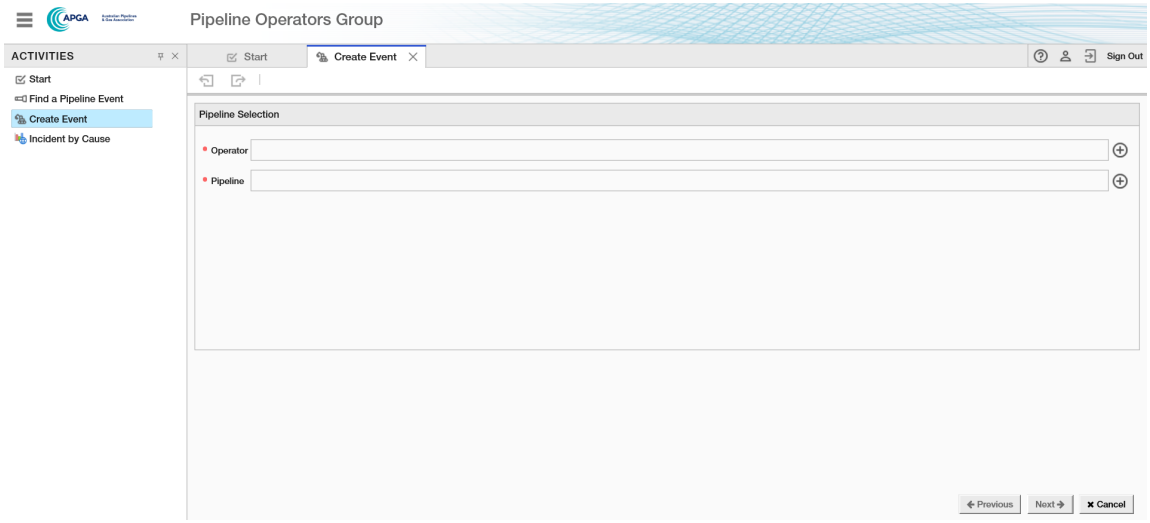



Select "Create Event"

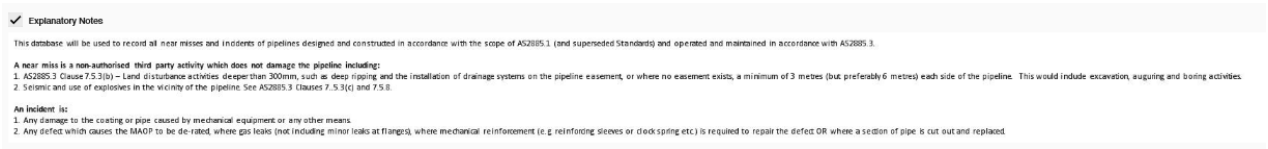



[1] Chrome, Microsoft Edge, Firefox and Safari and is also compatible with Internet Explorer IE 11 but may be a little slower.
[2] Click on arrow on the right-hand side of the entry box.
[3] Identified by a red dot on the left-hand side of the entry box which changes to a yellow dot when entry has been made.
[4] Hover the mouse over the entry box and a guidance note will appear.
[5] Previously referred to as "incident".
[6] The "Next" button at the bottom of the page will change form grey to black once all mandatory fields are filled.

Using the drop-down lists, select[7] “Operator” and “Pipeline” and then hit “Next”.




Explanatory Notes: Click on the box to reveal the following message – this is repeated on each page.

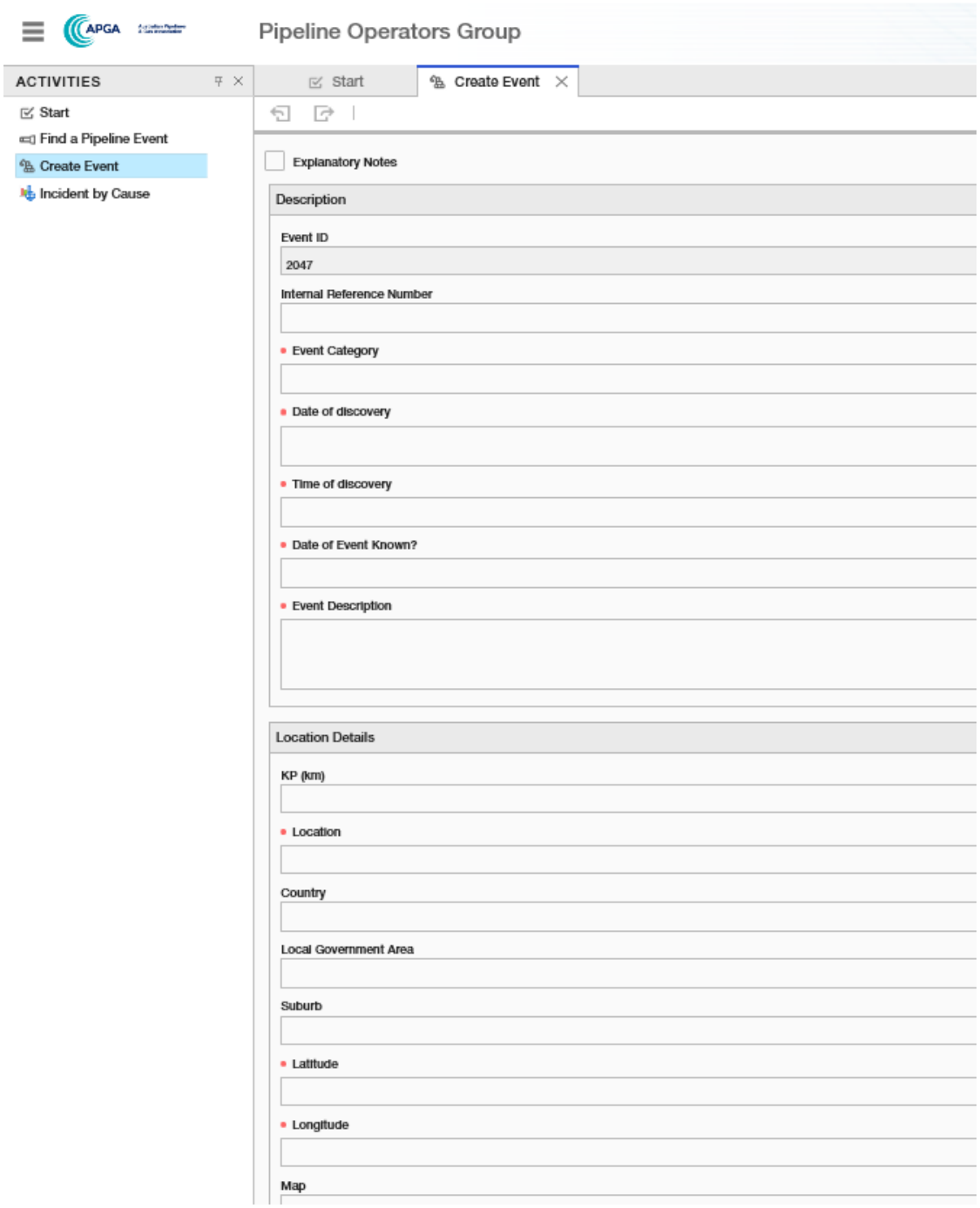



**List of available Event Entry PDF’s:**

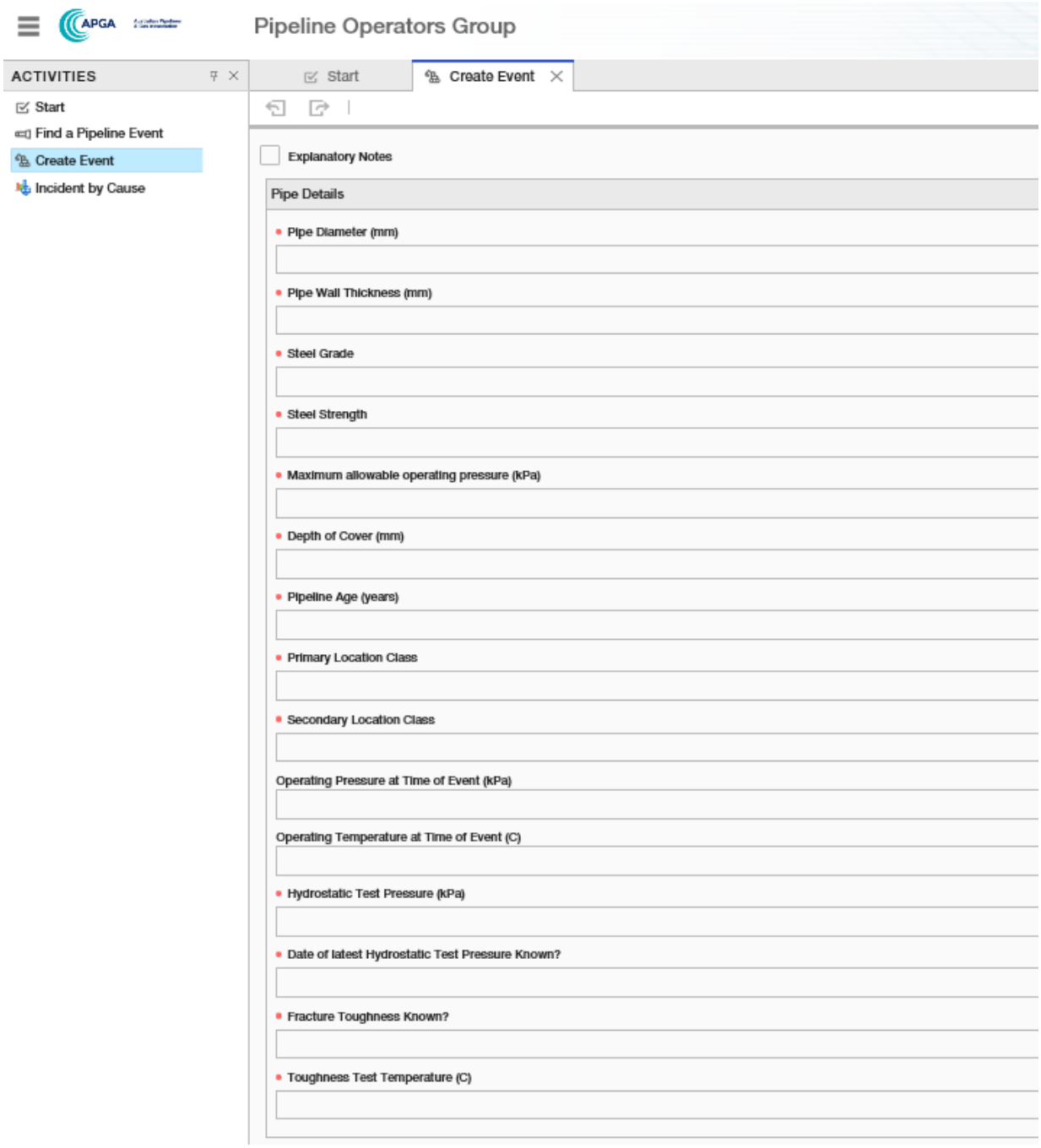
- Near Miss - External Interference (updated Apr20)
- Incident - External Interference
- Incident - Corrosion – External
- Incident - Corrosion – Internal
- Incident - Corrosion – SCC
- Incident - Erosion or Earth Movement
- Incident – Lightning
- Incident - Construction Defect
- Incident - Material Defect
- Incident - Other

[7] Either select and hit “Ok” or double click.

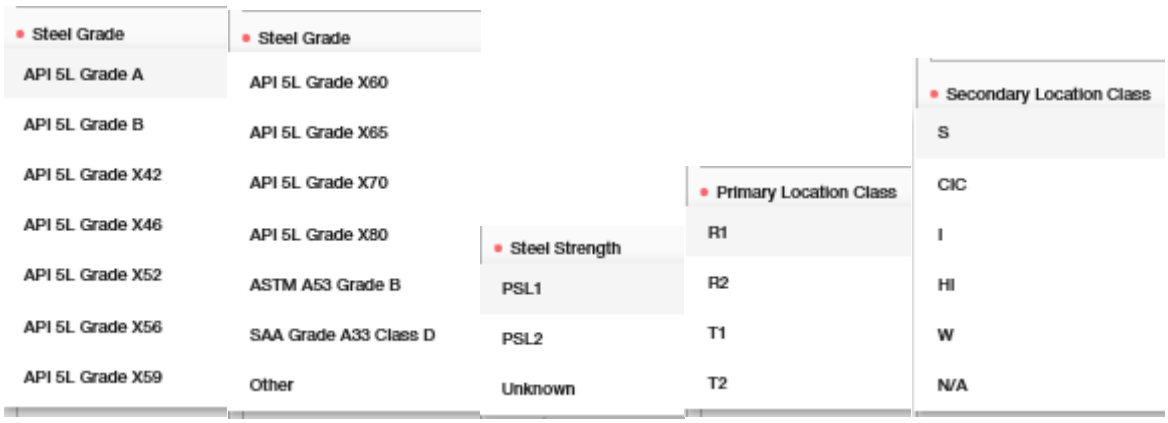
Flow Chart #1: Data common for all events



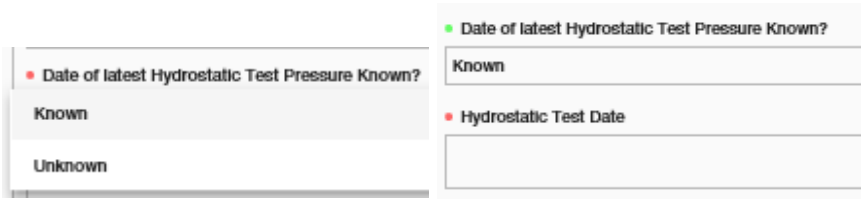

Drop down list revealing additional field:

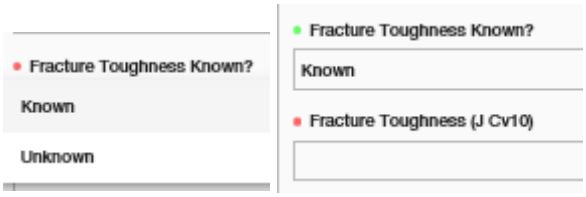


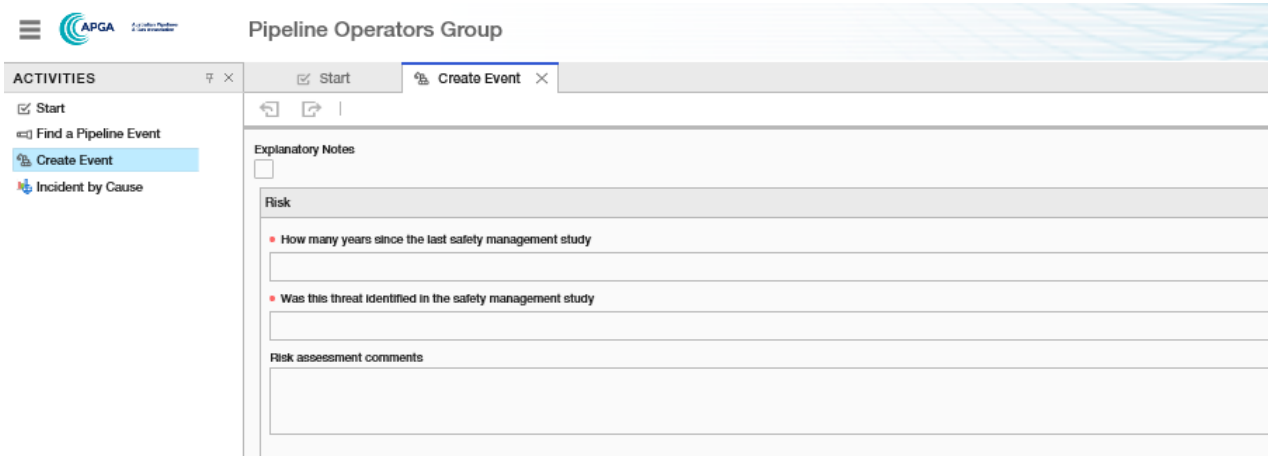

Drop down lists for this page:



Drop down lists revealing additional fields:

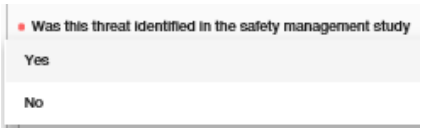


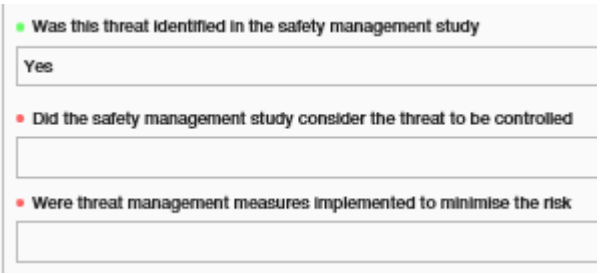



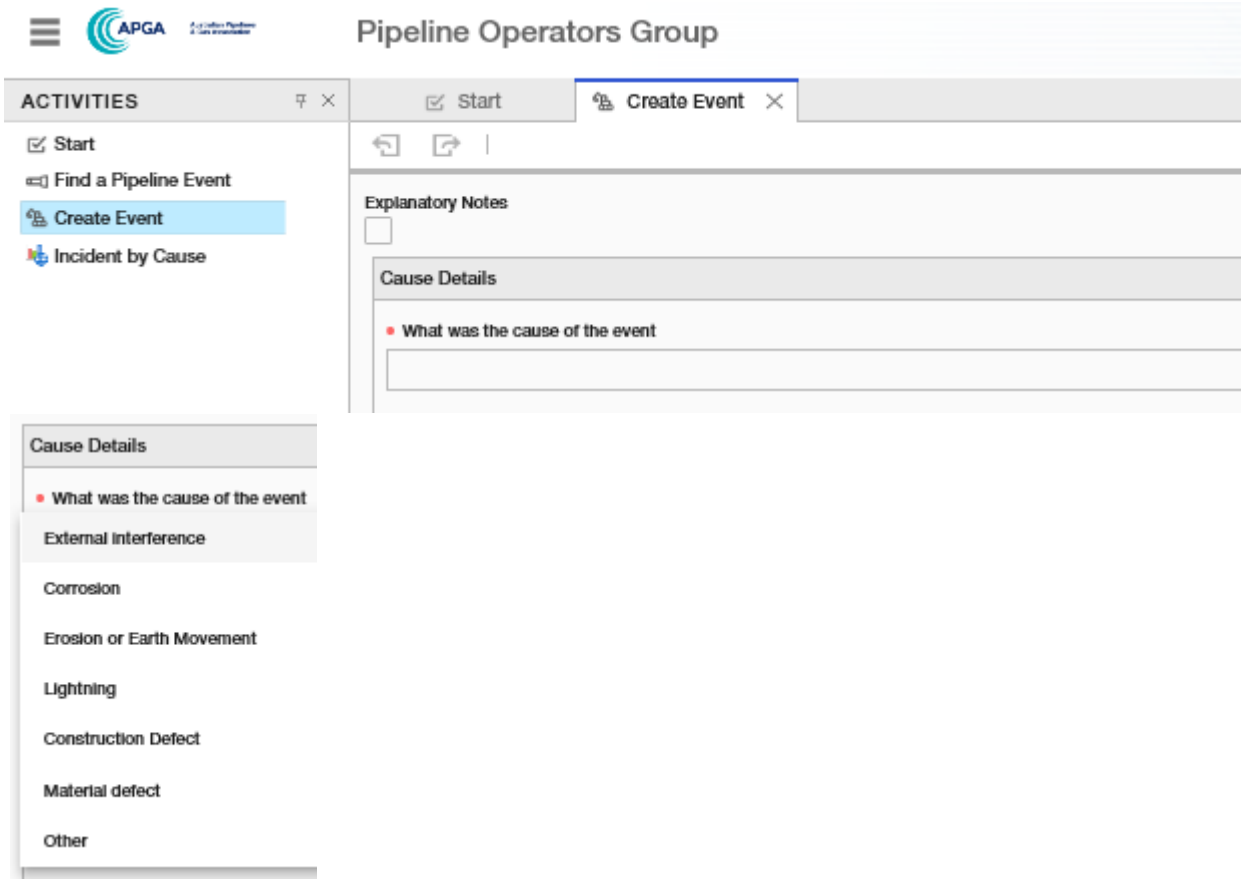



Drop down lists for this page:

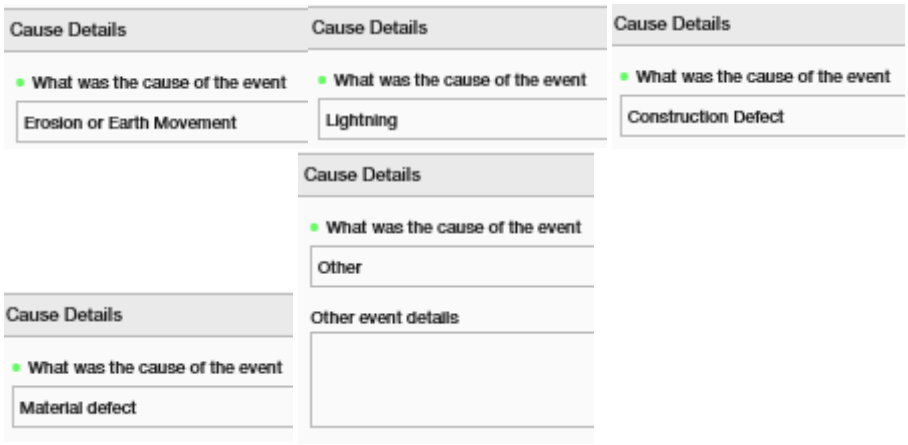

Drop down lists revealing additional fields:



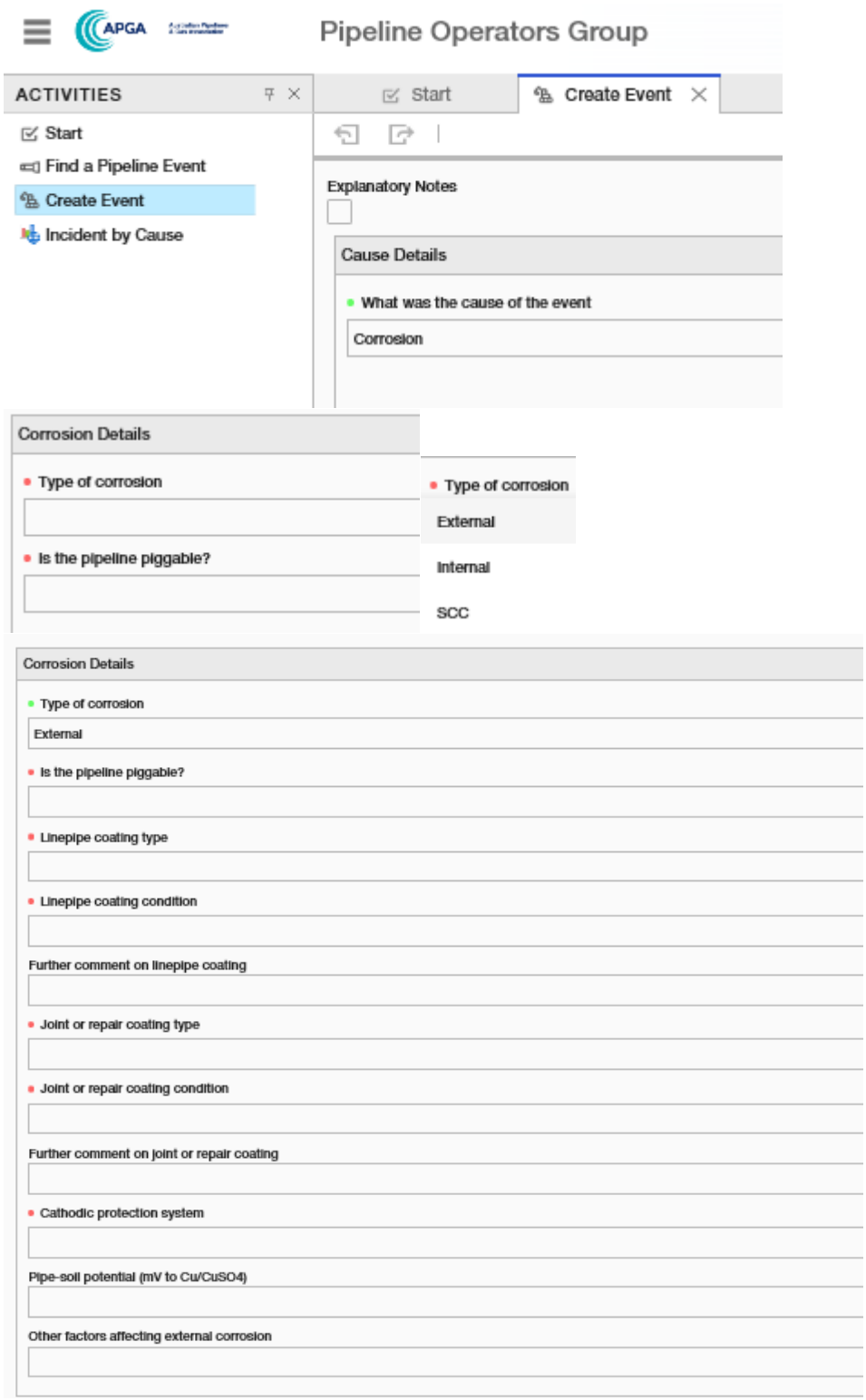



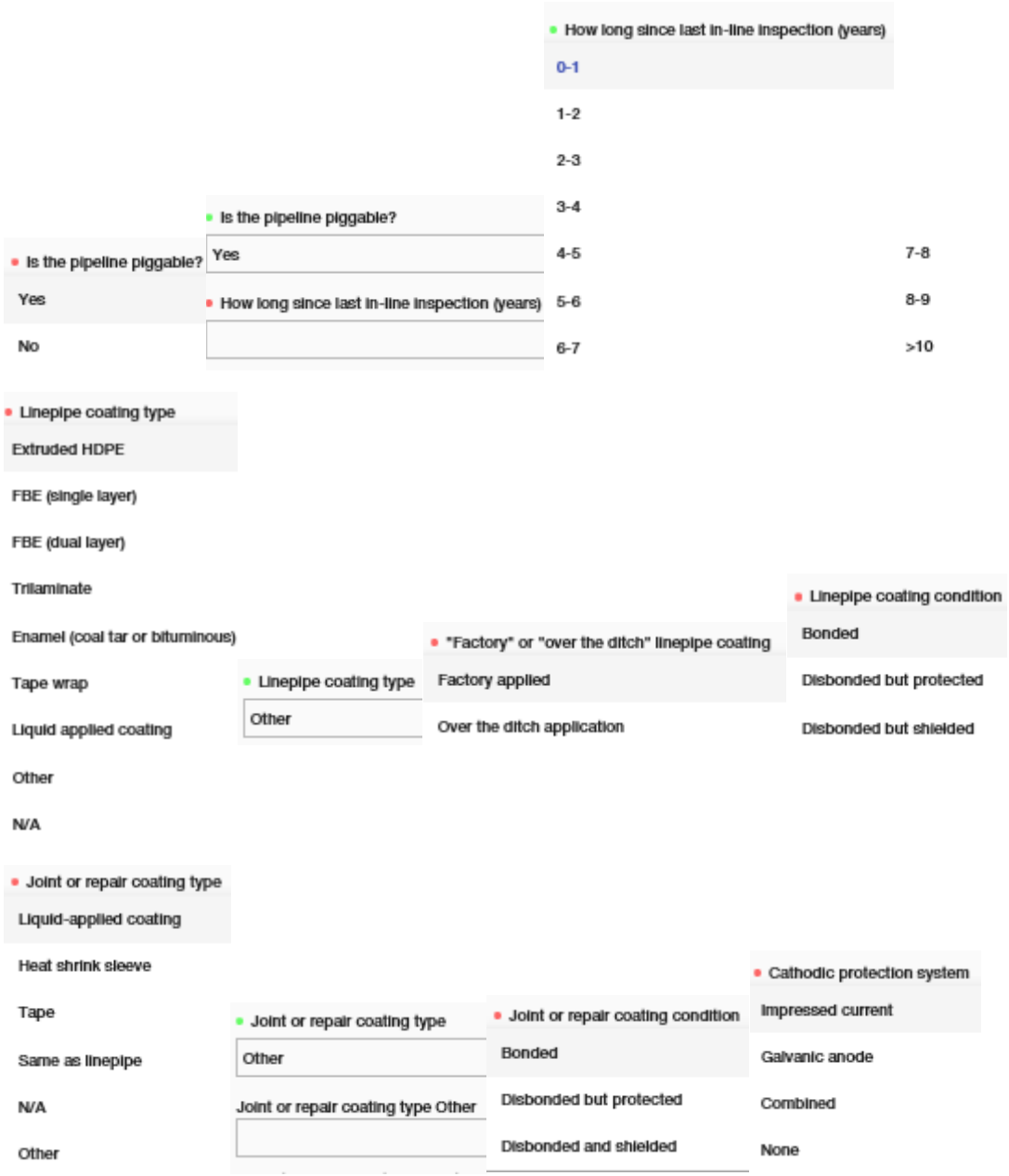

Pipeline Operators Group
ACTIVITIES
Start
Find a Pipeline Event
Create Event
Incident by Cause
Start
Create Event
Explanatory Notes
Cause Details
What was the cause of the event
Cause Details
What was the cause of the event
External Interference
Corrosion
Erosion or Earth Movement
Lightning
Construction Defect
Material defect
Other

Flow Chart #2: Data common for all events with Cause “Erosion or Earth Movement”, “Lightning, “Construction Defect”, “Material Defect” or “Other”



Flow Chart #3: Data common for all events with **Cause "Corrosion"**




How long since last in-line inspection (years)
0-1
1-2
2-3
3-4
4-5
5-6
6-7
7-8
8-9
>10
Is the pipeline piggable?
Yes
No
Is the pipeline piggable?
Yes
How long since last in-line inspection (years)
Linepipe coating type
Extruded HDPE
FBE (single layer)
FBE (dual layer)
Trilaminate
Enamel (coal tar or bituminous)
Tape wrap
Liquid applied coating
Other
N/A
Linepipe coating type
Other
"Factory" or "over the ditch" linepipe coating
Factory applied
Over the ditch application
Linepipe coating condition
Bonded
Disbonded but protected
Disbonded but shielded
Joint or repair coating type
Liquid-applied coating
Heat shrink sleeve
Tape
Same as linepipe
N/A
Other
Joint or repair coating type
Other
Joint or repair coating type Other
Joint or repair coating condition
Bonded
Disbonded but protected
Disbonded and shielded
Cathodic protection system
Impressed current
Galvanic anode
Combined
None

## INTERNAL

- Type of corrosion

Internal

- Is the pipeline piggable?

- Internal pipeline coating type

- Fluid quality

- Corrosion inhibitor used

Other factors that may have contributed to internal corrosion

- How long since last in-line inspection (years)

0-1

1-2

2-3

3-4

4-5

5-6

6-7

7-8

8-9

>10

- Is the pipeline piggable?

Yes

No

- Is the pipeline piggable?

Yes

- How long since last in-line inspection (years)

- Internal pipeline coating type

Fusion bonded epoxy

Liquid high build epoxy

Liquid thin film epoxy

Special anti-corrosive painting

Other

None

- Internal pipeline coating type

Other

Internal pipeline coating type Other

- Corrosion inhibitor used

Yes

No

SCC

- Type of corrosion

SCC

- Is the pipeline piggable?
- Linepipe coating type
- Linepipe coating condition

Further comment on linepipe coating

- Joint or repair coating type
- Joint or repair coating condition

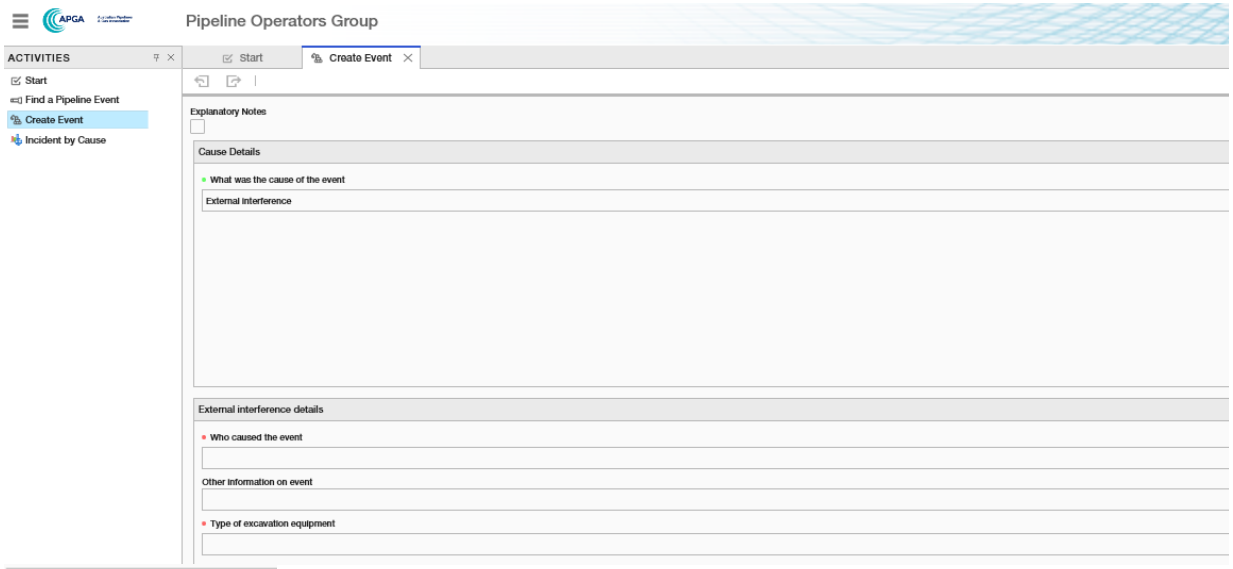
Further comment on joint or repair coating

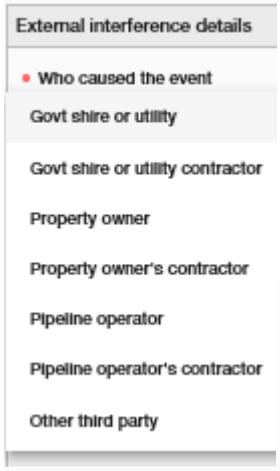
- Cathodic protection system

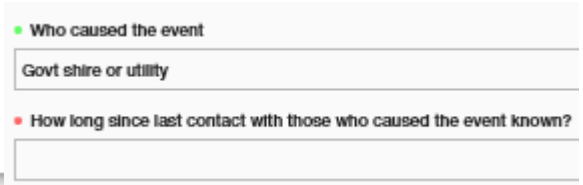
Pipe-soil potential (mV to Cu/CuSO4)

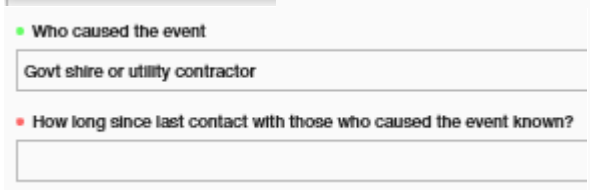
Other factors affecting external corrosion

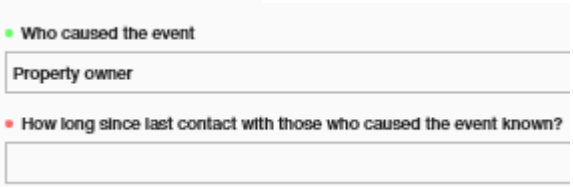
Flow Chart #4: Data common for all events with **Cause “External Interference”**

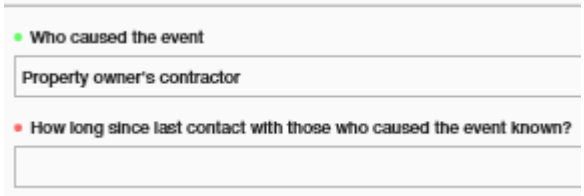


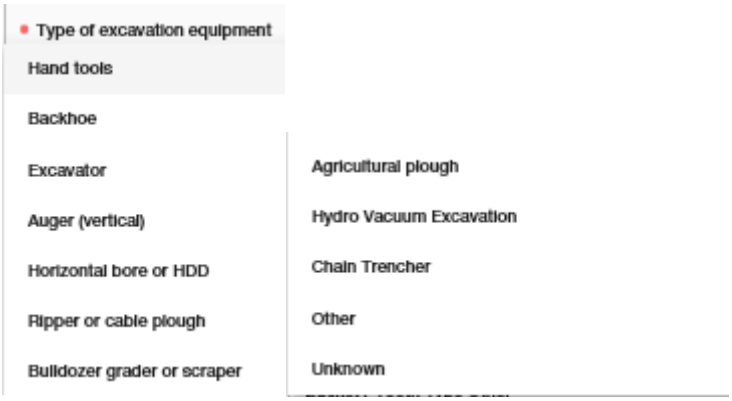



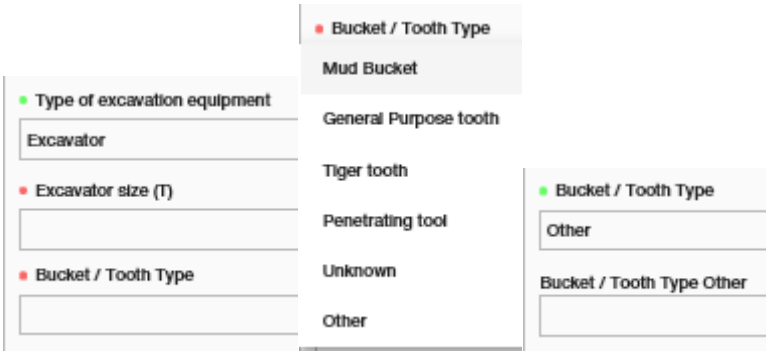



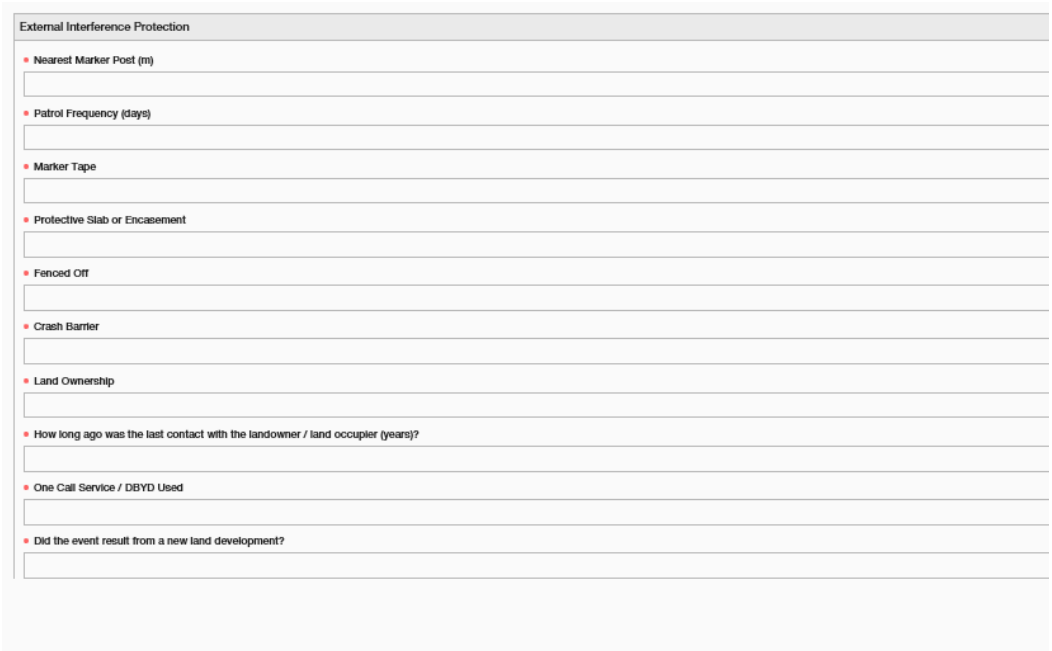



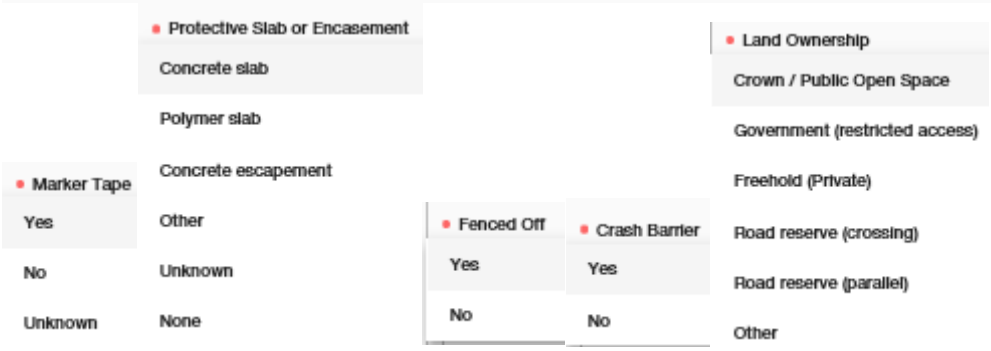






Needs box for “Other”



Land Ownership

Road reserve (crossing)

Position in road

Land Ownership

Road reserve (parallel)

Position in road

Position in road

Under road surface

Elsewhere in road reserve

Land Ownership

Other

Land Ownership Other

How long ago was the last contact with the landowner / land occupier (years)?

0-1

1-2

2-3

3-4

4-5

>5

One Call Service / DBYD Used

Yes

No

One Call Service / DBYD Used

Yes

Did the pipeline operator respond to the one-call / DBYD enquiry?

Was there on-site inspection by the pipeline operator in response to the one-call / DBYD enquiry?

Did the pipeline operator respond to the one-call / DBYD enquiry?

Yes

No

Was there on-site inspection by the pipeline operator in response to the one-call / DBYD enquiry?

Yes

No

Did the event result from a new land development?

Yes

No

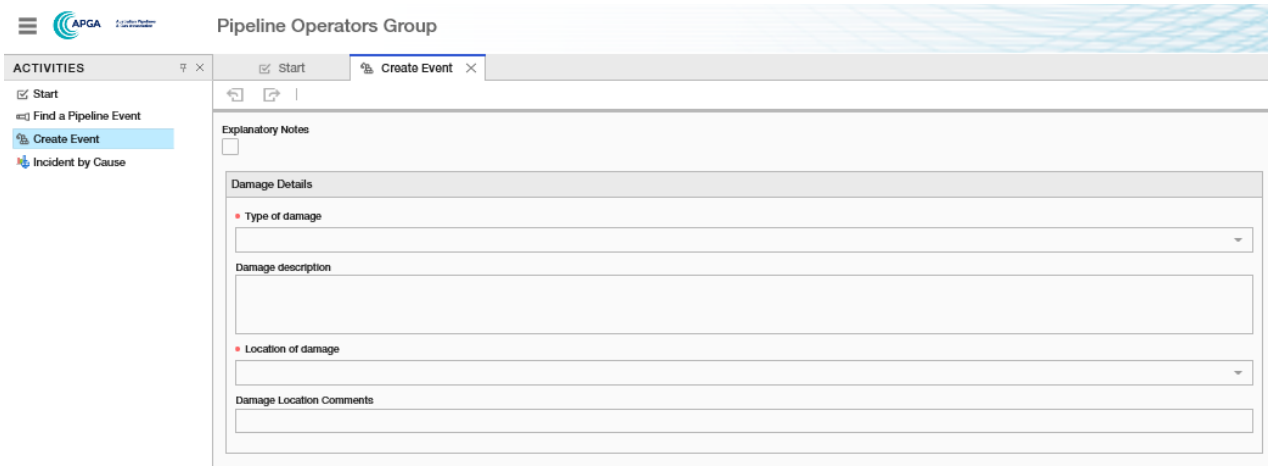
Did the event result from a new land development?

Yes

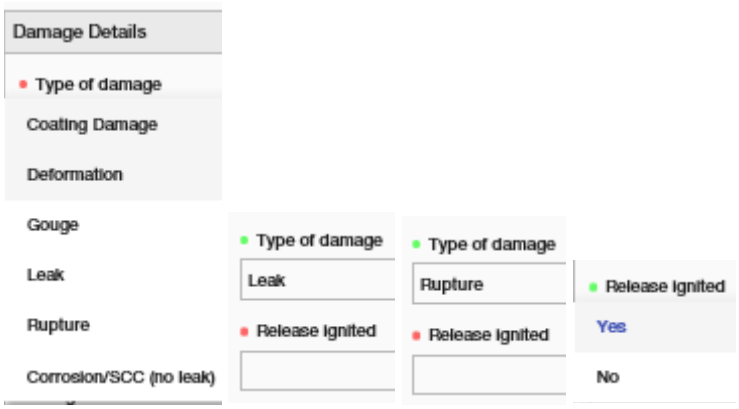
Was the development referred to the pipeline operator by the planning authority?

Yes

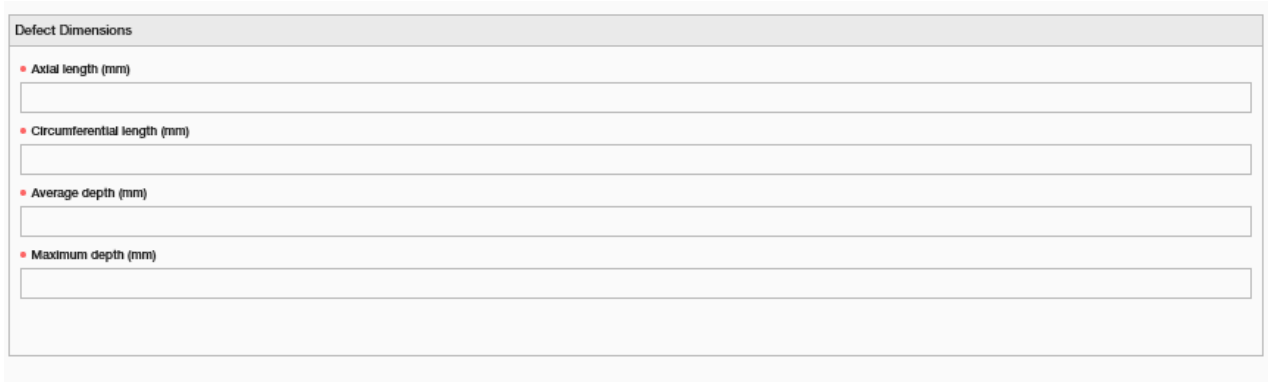
No

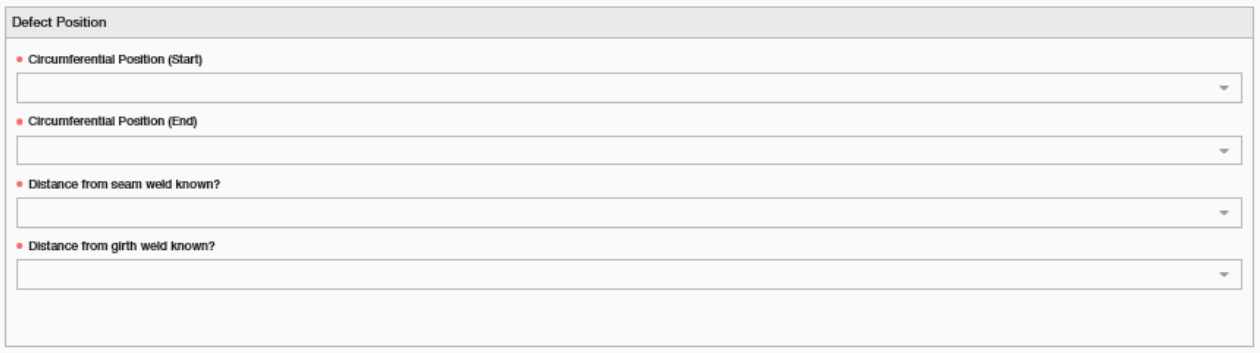



Drop down lists revealing additional fields:

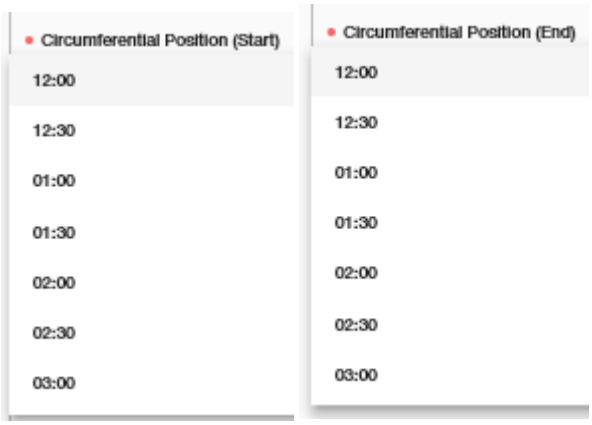




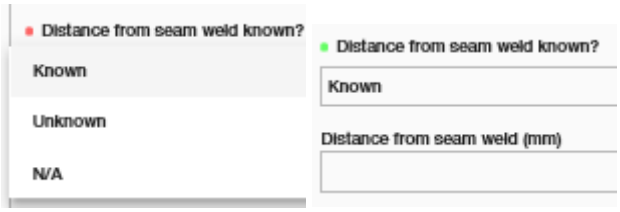


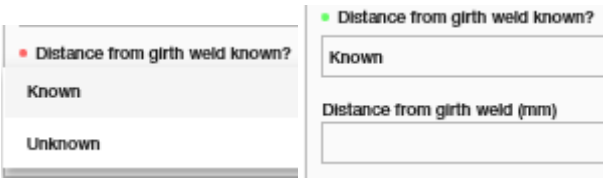


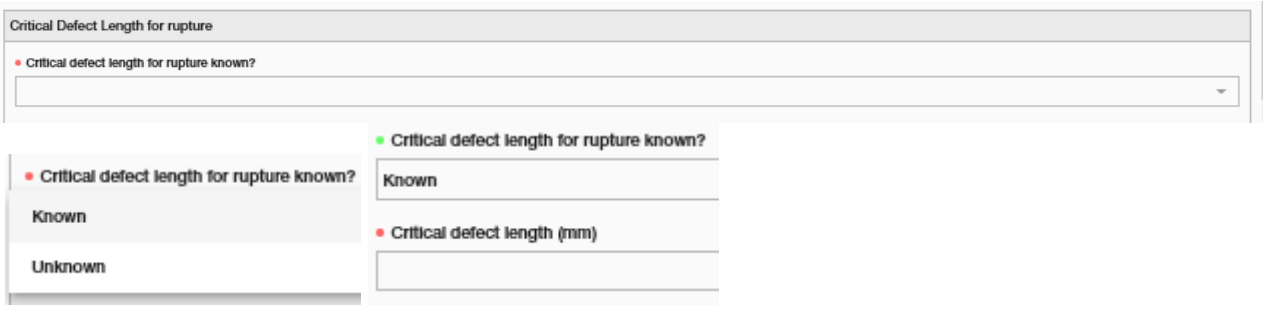

Drop down lists for this page:

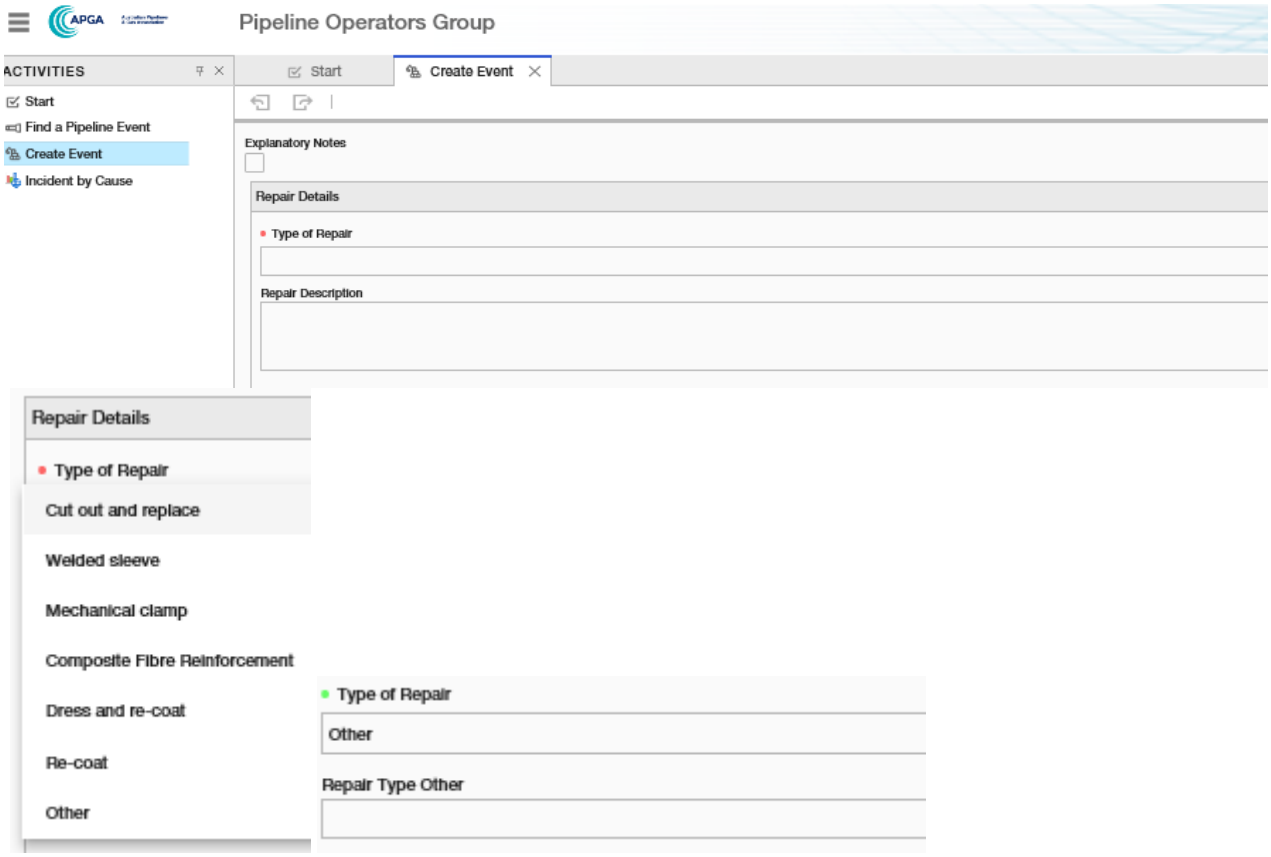


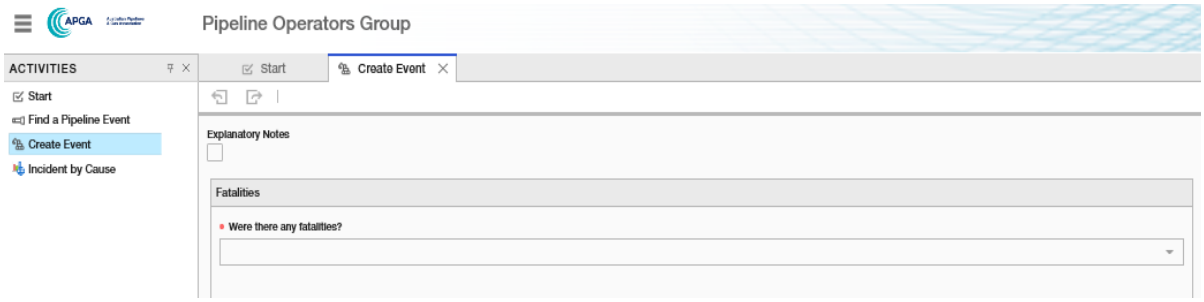

Drop down lists revealing additional fields:

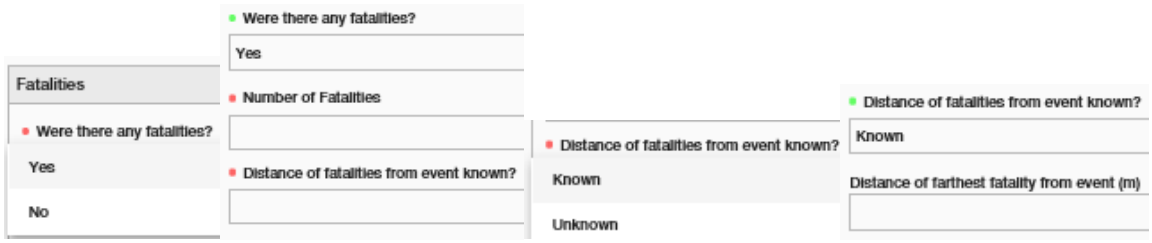


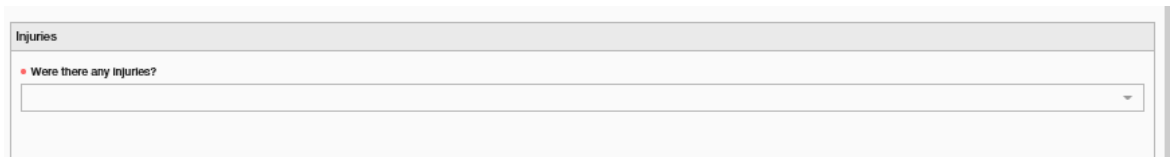



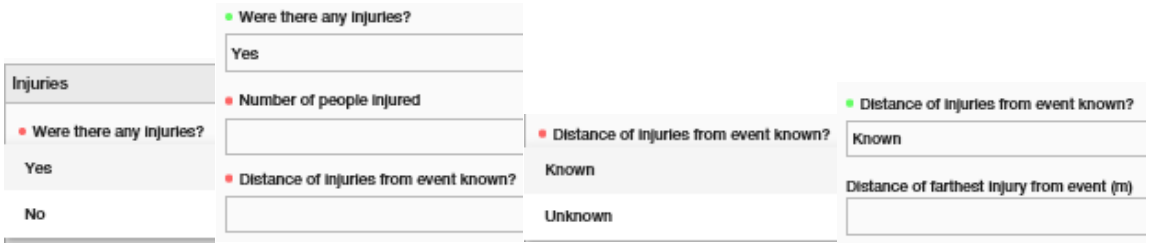



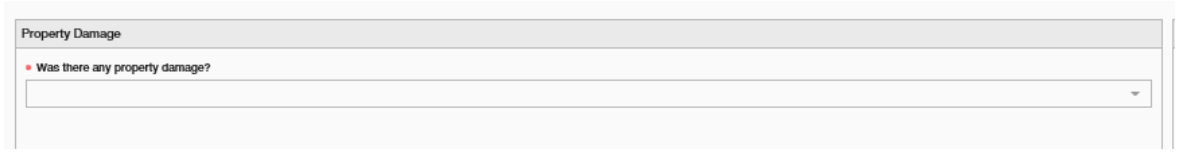

Pipeline Operators Group
ACTIVITIES
Start
Find a Pipeline Event
Create Event
Incident by Cause
Start
Create Event
Explanatory Notes
Repair Details
Type of Repair
Repair Description
Repair Details
Type of Repair
Cut out and replace
Welded sleeve
Mechanical clamp
Composite Fibre Reinforcement
Dress and re-coat
Re-coat
Other
Type of Repair
Other
Repair Type Other

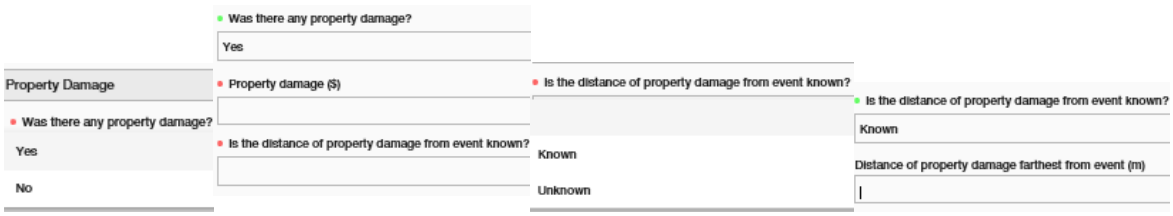

Pipeline Operators Group
ACTIVITIES
Start
Find a Pipeline Event
Create Event
Incident by Cause
Start
Create Event
Explanatory Notes
Fatalities
Were there any fatalities?

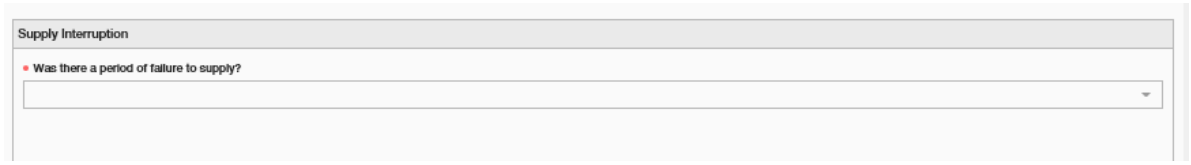

Fatalities
Were there any fatalities?
Yes
No
Were there any fatalities?
Yes
Number of Fatalities
Distance of fatalities from event known?
Distance of fatalities from event known?
Known
Unknown
Distance of fatalities from event known?
Known
Distance of farthest fatality from event (m)

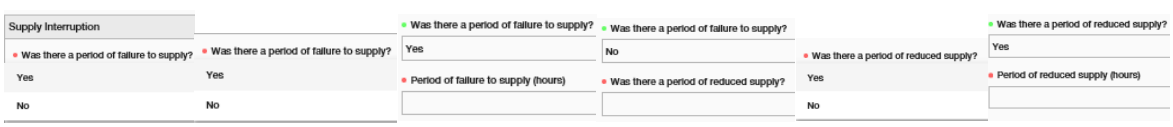

Injuries
Were there any injuries?


Injuries
Were there any injuries?
Yes
No
Were there any injuries?
Yes
Number of people injured
Distance of injuries from event known?
Distance of injuries from event known?
Known
Unknown
Distance of injuries from event known?
Known
Distance of farthest injury from event (m)


Property Damage
Was there any property damage?


Property Damage
Was there any property damage?
Yes
No
Was there any property damage?
Yes
Property damage ($)
Is the distance of property damage from event known?
Is the distance of property damage from event known?
Known
Unknown
Is the distance of property damage from event known?
Known
Distance of property damage farthest from event (m)


Supply Interruption
Was there a period of failure to supply?


Supply Interruption
Was there a period of failure to supply?
Yes
No
Was there a period of failure to supply?
Yes
Period of failure to supply (hours)
Was there a period of failure to supply?
No
Was there a period of reduced supply?
Was there a period of reduced supply?
Yes
No
Was there a period of reduced supply?
Yes
Period of reduced supply (hours)

## Loss of Containment

- Was there a loss of containment?

- Was there a loss of containment?
  - Yes
  - No

- Was there a loss of containment?
  - Yes
- Type of Containment Loss
  - Gas
  - Liquid

- Type of Containment Loss
  - Gas
- Volume of gas lost known?
  - Known
  - Unknown
- Volume of gas lost known?
  - Known
- Volume of gas lost ('000 Sm3)

- Type of Containment Loss
  - Liquid
- Volume of liquid spilled known?
- Volume of liquid recovered known?
- Volume of liquid recovered known?
  - Known
- Volume of liquid recovered (L)

- Volume of liquid spilled known?
  - Known
  - Unknown
- Volume of liquid spilled known?
  - Known
- Volume of liquid spilled (L)

- Volume of liquid recovered known?
  - Known
  - Unknown

## Environmental Damage

- Was there Environmental Damage?

- Was there Environmental Damage?
  - Yes
  - No

- Was there Environmental Damage?
  - Yes
- Environmental Damage