

APGA 2022

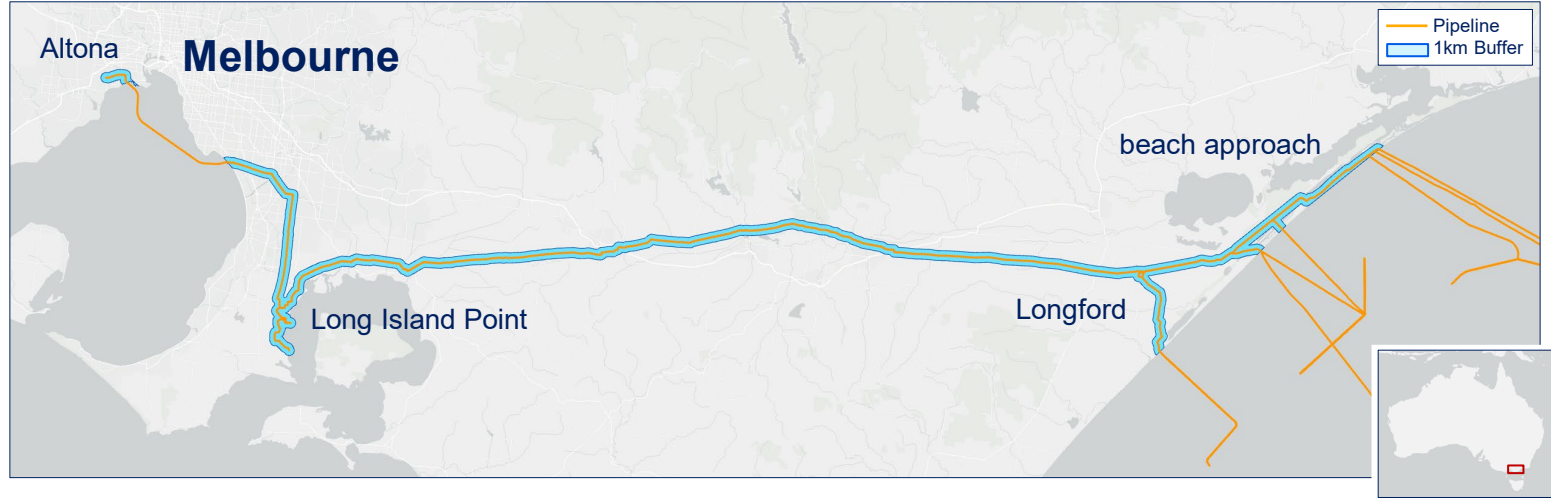
# Digital Transformation of the BYDA Workflow for Esso Australia

Jamie Lambert  
ExxonMobil Australia  
[jamie.lambert@exxonmobil.com](mailto:jamie.lambert@exxonmobil.com)



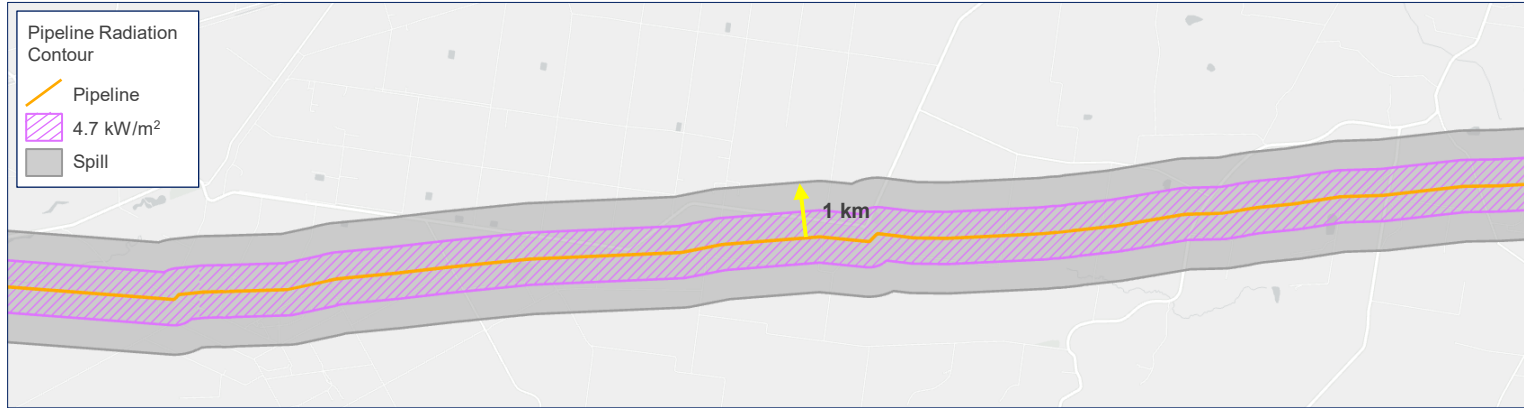
All data is for demonstration purposes only

# Esso Pipeline Asset



- ~ 260 km onshore easements
- Containing ~1000km of pipeline
- Over 1500 BYDA 'impact' enquiries per year

# BYDA Digital Transformation Scope

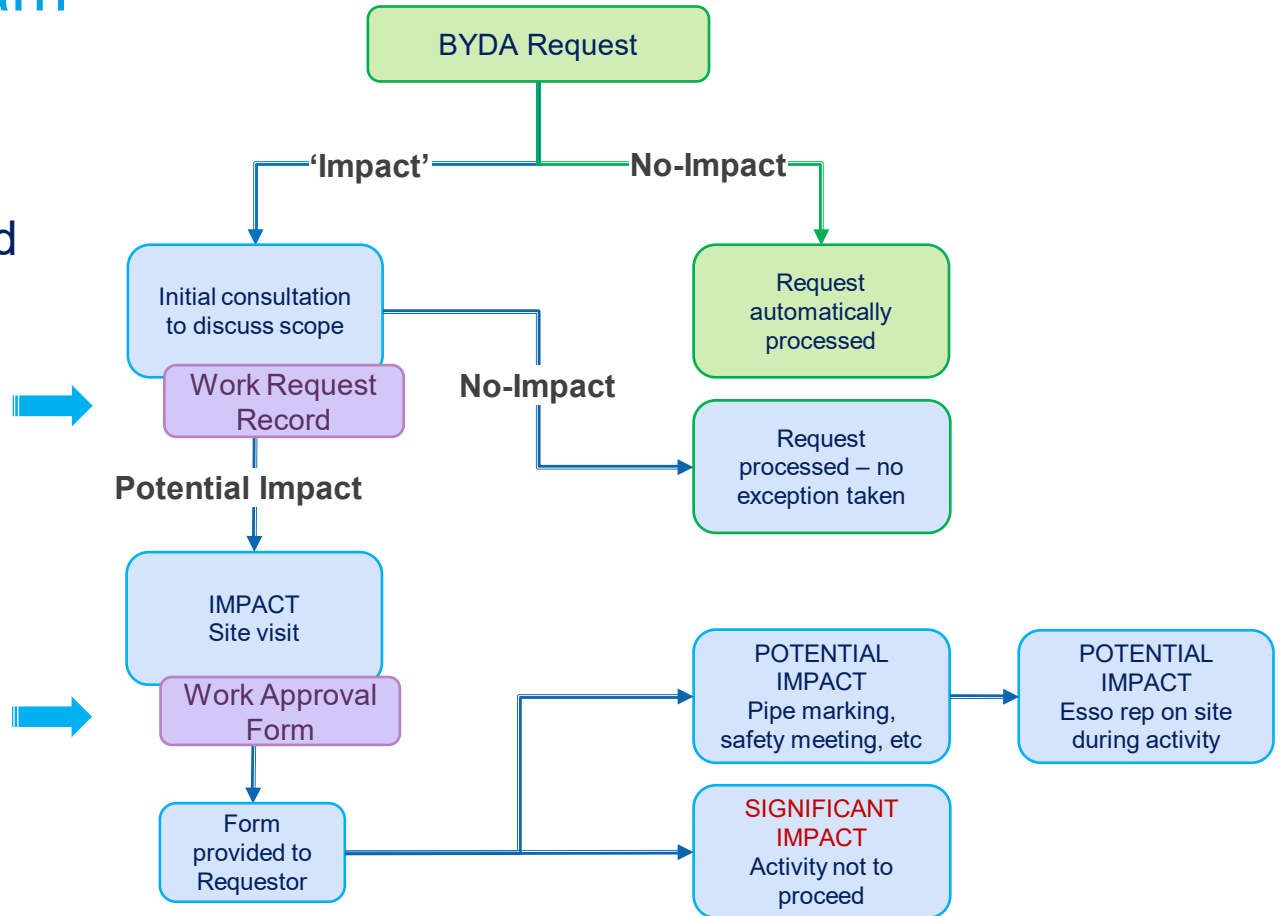


- Transform existing paper-based review process
- Complete reviews in the field
- Improve efficiency of review process
- Improve coordination of site visits

# Workflow Diagram

For 'Impact' events:

- Work Request Record
- Work Approval Form



# Carbonless Paper Forms

- Pipeline Work Request
  - » For all manually reviewed requests
- Pipeline Work Approval
  - » For requests with potential pipeline impact

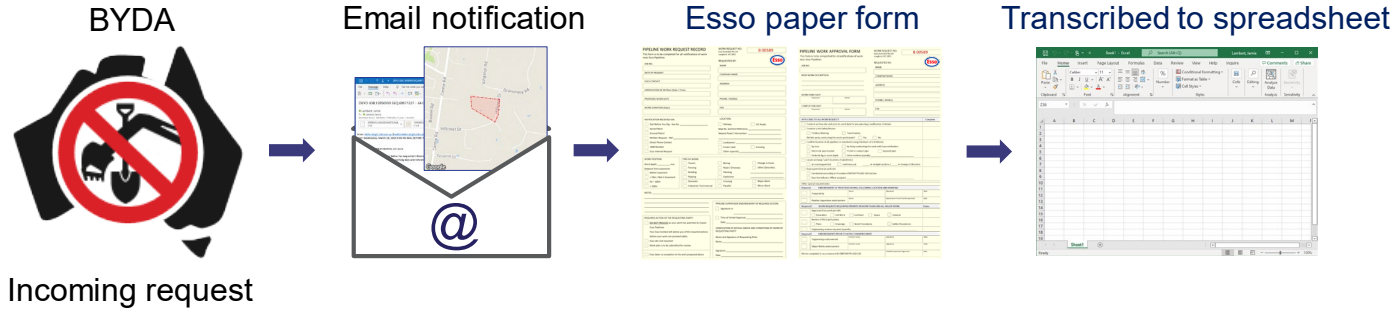
PIPELINE WORK REQUEST RECORD		WORK REQUEST NO. Esso Australia Pty Ltd Longford, VIC 3851	B 00589
This form is to be completed for all notifications of work near Esso Pipelines			
JOB NO.	<input type="text"/>		
DATE OF REQUEST	<input type="text"/>		
ESSO CONTACT	<input type="text"/>		
VERIFICATION OF DETAILS (Date / Time)	<input type="text"/>		
PROPOSED WORK DATE	<input type="text"/>		
WORK DURATION (Days)	<input type="text"/>		
NOTIFICATION RECEIVED VIA:	<input type="checkbox"/> Dial Before You Dig - Seq No. _____ <input type="checkbox"/> Aerial Patrol <input type="checkbox"/> Ground Patrol <input type="checkbox"/> Written Request - Ref _____ <input type="checkbox"/> Direct Phone Contact <input type="checkbox"/> 1800 Number <input type="checkbox"/> Esso Internal Request		
LOCATION:	<input type="checkbox"/> Melway <input type="checkbox"/> VIC Roads <input type="checkbox"/> Map No. and Grid Reference _____ Nearest Road / Intersection _____ <input type="checkbox"/> Landowner: _____ <input type="checkbox"/> Crown Land <input type="checkbox"/> Crossing <input type="checkbox"/> Other (specify) _____		
WORK POSITION:	TYPE OF WORK:	<input type="checkbox"/> Boring <input type="checkbox"/> Change in Cover <input type="checkbox"/> Road / Driveway <input type="checkbox"/> Other (Describe): _____ <input type="checkbox"/> Planting _____ <input type="checkbox"/> Explosives _____ <input type="checkbox"/> Crossing <input type="checkbox"/> Major Work <input type="checkbox"/> Parallel <input type="checkbox"/> Minor Work	
Work depth _____ mm	<input type="checkbox"/> Trench <input type="checkbox"/> Fencing <input type="checkbox"/> Building <input type="checkbox"/> Ripping <input type="checkbox"/> Domestic <input type="checkbox"/> Industrial / Commercial		
Distance from easement:	<input type="checkbox"/> < 50m / Not in Easement <input type="checkbox"/> 50 - 100m <input type="checkbox"/> > 100m		
NOTES:	<input type="text"/>		
REQUIRED ACTION OF THE REQUESTING PARTY:	<input type="checkbox"/> Signature or _____ <input type="checkbox"/> Time of Verbal Approval _____ Date _____		
<input type="checkbox"/> <b>DO NOT PROCEED</b> as your work has potential to impact Esso Pipelines Your Esso Contact will advise you of the required actions before your work can proceed safely <input type="checkbox"/> Esso site visit required <input type="checkbox"/> Work plan is to be submitted for review	VERIFICATION OF DETAILS ABOVE AND CONDITIONS OF WORK BY REQUESTING PARTY Name and Signature of Requesting Party Name _____ Signature _____ Date _____		
<input type="checkbox"/> Esso takes no exception to the work proposed above	PIPELINE SUPERVISOR ENDORSEMENT OF REQUIRED ACTION: <input type="checkbox"/> Signature or _____ <input type="checkbox"/> Time of Verbal Approval _____ Date _____		

Pipeline Work Request (1)

PIPELINE WORK APPROVAL FORM		WORK REQUEST NO. Esso Australia Pty Ltd Longford, VIC 3851	B 00589	
This form is to be completed for all notifications of work near Esso Pipelines				
JOB NO.	<input type="text"/>			
BRIEF WORK DESCRIPTION	<input type="text"/>			
WORK START DATE	Proposed <input type="text"/>	Actual <input type="text"/>		
COMPLETION DATE	Proposed <input type="text"/>	Actual <input type="text"/>		
APPLICABLE TO ALL WORK REQUESTS	Complete			
<input type="checkbox"/> Conduct an Esso site visit prior to work date for pre-planning / verification of details <input type="checkbox"/> Conduct a Job Safety Review <input type="checkbox"/> Toolbox Meeting <input type="checkbox"/> Task Analysis Did the party conducting the works participate? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Confirm location of all pipelines in easement (using minimum of 2 methods) <input type="checkbox"/> by Esso - non-Esso pipelines will require separate approval by relevant Operator <input type="checkbox"/> Electronic pipe locator <input type="checkbox"/> Probe to contact pipe <input type="checkbox"/> Exposed pipe <input type="checkbox"/> Probe & dig to work depth <input type="checkbox"/> Other method (specify) _____ <input type="checkbox"/> Locate and peg / paint locations of pipeline(s) <input type="checkbox"/> at crossing point(s) <input type="checkbox"/> continuous at _____ m straight sections / _____ m change of direction <input type="checkbox"/> Esso supervision at work site <input type="checkbox"/> Conducted according to Procedure ONPOM PPL 600-101 Section _____ <input type="checkbox"/> Esso Surveillance Officer assigned _____				
Other special requirements:	<input type="text"/>			
Required	ENDORSEMENT OF PROPOSED WORKS, FOLLOWING LOCATION AND MARKING			
<input type="checkbox"/>	Prepared by	Name	Signature	Date
<input type="checkbox"/>	Pipeline Supervisor endorsement	Name	Signature or time of verbal approval	Date
Required?	WORK REQUESTS REQUIRING PERMITS OR WORK PLANS AND ALL MAJOR WORK		Status	
<input type="checkbox"/>	Approved Esso work permits			
<input type="checkbox"/>	<input type="checkbox"/> Excavation <input type="checkbox"/> Hot Work <input type="checkbox"/> Confined <input type="checkbox"/> Space <input type="checkbox"/> General			
<input type="checkbox"/>	Review of third party plans			
<input type="checkbox"/>	<input type="checkbox"/> Plans <input type="checkbox"/> Drawings <input type="checkbox"/> Work Procedures <input type="checkbox"/> Safety Procedures			
<input type="checkbox"/>	Engineering reviews required (specify) _____			
Required?	ENDORSEMENTS PRIOR TO WORK COMMENCEMENT			
<input type="checkbox"/>	Engineering endorsement	Position name	Signature	Date
<input type="checkbox"/>	Major Works endorsement	Position name	Signature	Date
Works completed in accordance with ONPOM PPL 600-101			Pipeline Supervisor signature	Date

Pipeline Work Approval (2)

# Historical Process



- Email notification in the field
- Complete paper form
- Transcribe paper form to digital spreadsheet

DBYD JOB:13950999 SEQ:69971237 - 64 Collins St, Docklands 3008

Lambert, Jamie

To: Lambert, Jamie  
Expiration Policy: All Other 13 Months (1 year, 1 month) Expires: 12/09/2023 3:11 PM

13950999\_SEQ69971237.GML 1 KB  
13950999\_SEQ69971237.GIF 37 KB

From: Referrals@1100.com.au [mailto:Referrals@1100.com.au]  
Sent: Wednesday, March 28, 2018 9:08 AM DIAL BEFORE YOU DIG

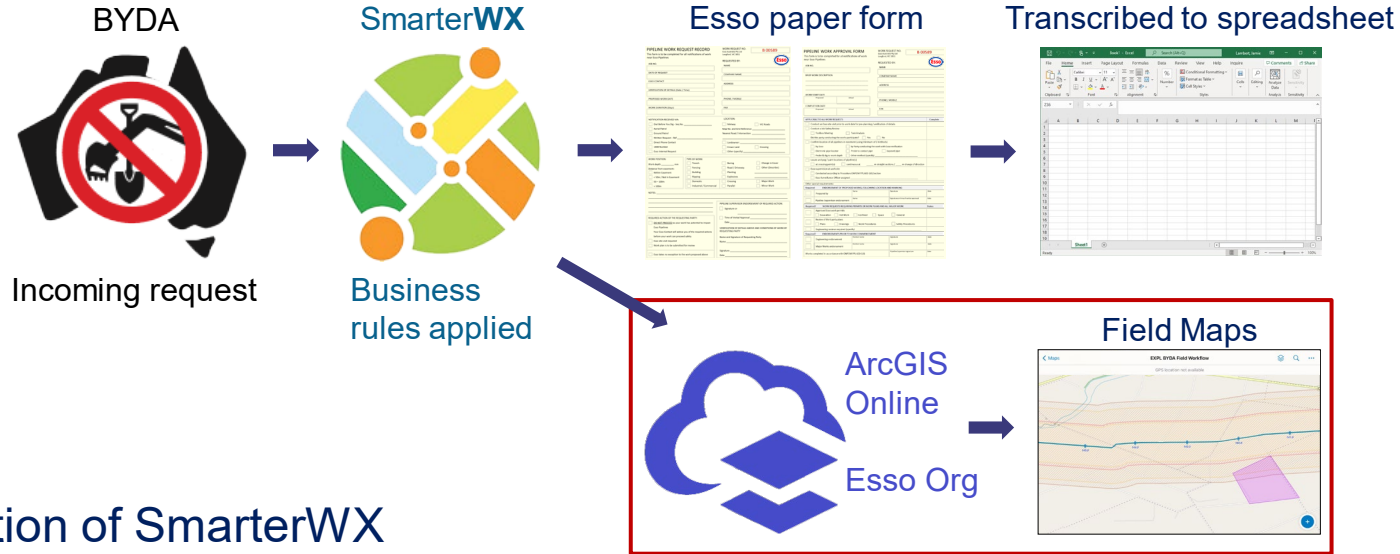
Call 1100  
PO Box 3233 BURNLEY NORTH, VIC 3211

Please be advised the person below has requested information about underground assets in your jurisdiction. You are required to respond within 2 working days and reference the Job Number, Sequence Number and the User Reference (where supplied).

[REFERRAL DETAILS]  
MESSAGE VERSION NO= 1.0.B.0  
FROM= Dial Before You Dig  
ENQUIRY MEDIUM= Phone  
TO= Esso Australia  
UTILITY ID= 90563  
COMPANY= Esso Australia  
ENQUIRY DATE= 28/03/2018 09:05  
COMMENCEMENT DATE= 12/04/2018  
COMPLETION DATE= 12/04/2018  
SEQUENCE NO= 69971237  
JOB NUMBER= 13950999  
PLANNING= No  
LARGE SCALE= No  
USER REF= Not Supplied  
WORKING FOR AUTHORITY= Private  
AUTHORITY NAME= Private

Notice: Please DO NOT REPLY TO THIS EMAIL as it has been monitored. Should you wish to advise Dial Before You Dig of a

# Transitioning Process



- Adoption of SmarterWX
- 'Write to GIS' function
- Add BYDA data to our maps




# Digital Process



- Digitization of paper forms
- Integration of data / applications within ArcGIS Online
- Digital from the start
- Components: » **Digital Form** » **Report Template** » **Digital Map**



# Pipeline Work Request Record (1)

<b>PIPELINE WORK REQUEST RECORD</b> This form is to be completed for all notifications of work near Esso Pipelines		WORK REQUEST NO. Esso Australia Pty Ltd Longford, VIC 3851 <b>B 00589</b>
JOB NO.	REQUESTED BY: NAME 	
DATE OF REQUEST	COMPANY NAME	
ESSO CONTACT	ADDRESS	
VERIFICATION OF DETAILS (Date / Time)	PHONE / MOBILE	
PROPOSED WORK DATE	FAX	
WORK DURATION (Days)		
NOTIFICATION RECEIVED VIA: <input type="checkbox"/> Dial Before You Dig - Seq No. _____ <input type="checkbox"/> Aerial Patrol <input type="checkbox"/> Ground Patrol <input type="checkbox"/> Written Request - Ref _____ <input type="checkbox"/> Direct Phone Contact <input type="checkbox"/> 1800 Number <input type="checkbox"/> Esso Internal Request	LOCATION: <input type="checkbox"/> Melway <input type="checkbox"/> VIC Roads Map No. and Grid Reference _____ Nearest Road / Intersection _____ <input type="checkbox"/> Landowner: _____ <input type="checkbox"/> Crown Land <input type="checkbox"/> Crossing <input type="checkbox"/> Other (specify) _____	
WORK POSITION: Work depth _____ mm Distance from easement: <input type="checkbox"/> Within Easement <input type="checkbox"/> < 50m / Not in Easement <input type="checkbox"/> 50 - 100m <input type="checkbox"/> > 100m	TYPE OF WORK: <input type="checkbox"/> Trench <input type="checkbox"/> Change in Cover <input type="checkbox"/> Fencing <input type="checkbox"/> Road / Driveway <input type="checkbox"/> Other (Describe): _____ <input type="checkbox"/> Building <input type="checkbox"/> Planting _____ <input type="checkbox"/> Rippling <input type="checkbox"/> Explosives _____ <input type="checkbox"/> Domestic <input type="checkbox"/> Crossing <input type="checkbox"/> Major Work <input type="checkbox"/> Industrial / Commercial <input type="checkbox"/> Parallel <input type="checkbox"/> Minor Work	
NOTES: _____ _____	PIPELINE SUPERVISOR ENDORSEMENT OF REQUIRED ACTION: <input type="checkbox"/> Signature or _____ <input type="checkbox"/> Time of Verbal Approval _____ Date _____	
REQUIRED ACTION OF THE REQUESTING PARTY: <input type="checkbox"/> DO NOT PROCEED as your work has potential to impact Esso Pipelines Your Esso Contact will advise you of the required actions before your work can proceed safely <input type="checkbox"/> Esso site visit required <input type="checkbox"/> Work plan is to be submitted for review <input type="checkbox"/> Esso takes no exception to the work proposed above	VERIFICATION OF DETAILS ABOVE AND CONDITIONS OF WORK BY REQUESTING PARTY Name and Signature of Requesting Party Name _____ Signature _____ Date _____	



Esso BYDA Review

--- PIPELINE WORK REQUEST RECORD ---

**Job Information**

Job ID \_\_\_\_\_ Sequence ID \_\_\_\_\_ Esso Request ID \_\_\_\_\_

Date of request  
Date \_\_\_\_\_ Time \_\_\_\_\_

Proposed start date \_\_\_\_\_ Proposed completion date \_\_\_\_\_ No. days \_\_\_\_\_

Actual work date \_\_\_\_\_ Actual completion date \_\_\_\_\_ No. days \_\_\_\_\_

**Requestor Details**

Requested by \_\_\_\_\_

Contact mobile \_\_\_\_\_ Contact phone \_\_\_\_\_

Email \_\_\_\_\_

Company name \_\_\_\_\_ Company type \_\_\_\_\_

**Site Contact**

Site Contact \_\_\_\_\_ Site Contact no. \_\_\_\_\_

**Esso Contact**

Esso contact (Pipeline Surveillance Officer) \_\_\_\_\_ Esso contact no. \_\_\_\_\_



Esso emergency no.: 1800 633 971 / 1800 653 438

**Location Details**

Location \_\_\_\_\_

Street address \_\_\_\_\_ Suburbs \_\_\_\_\_ State \_\_\_\_\_ Postcode \_\_\_\_\_

Parcel type \_\_\_\_\_ Landowner name \_\_\_\_\_

Site photo  
 

**Work Details**

Work depth (mm) \_\_\_\_\_ Distance from easement \_\_\_\_\_

Activity description (from BYDA)  
\_\_\_\_\_

Type of work  
 Blasting  Horizontal Boring  Vertical Boring  Mechanical Excavation  Manual Excavation  
 Non-Destructive Digging  Pole Reinforcing  Road or Driveway  Conveyancing  Planning & Design  
 Subdivision  Tendering  other \_\_\_\_\_

Change in cover  
 Yes  No Domestic / Commercial  Domestic  Commercial

Crossing easement  
 Crossing  Parallel Scale of work  Major work  Minor work

Work Request notes  
\_\_\_\_\_

**Required Action**

Work Request required action of the requesting party \*

DO NOT PROCEED site visit & work approval required


Esso takes no exception to the work proposed above

**Sign Off**

Contact type \*  
 In-person  By phone

Pipeline Surveillance Supervisor \*

Approval Date  
 Date \_\_\_\_\_ Time \_\_\_\_\_

Esso Pipeline Surveillance Officer signature ()  


**Report Sent to Requestor**

Review complete? \*  Yes  No Report sent to Requestor? \*  Yes  No  N/A

# Pipeline Work Approval Form (2)

PIPELINE WORK APPROVAL FORM		WORK REQUEST NO.
This form is to be completed for all notifications of work near Esso Pipelines		Esso Australia Pty Ltd Longford, VIC 3851
		<b>B 00589</b>
JOB NO.	REQUESTED BY:	
BRIEF WORK DESCRIPTION	NAME	
	COMPANY NAME	
	ADDRESS	
WORK START DATE	PHONE / MOBILE	
Proposed	Actual	
COMPLETION DATE	FAX	
Proposed	Actual	
APPLICABLE TO ALL WORK REQUESTS <span style="float:right">Complete</span>		
<input type="checkbox"/> Conduct an Esso site visit prior to work date for pre-planning / verification of details <input type="checkbox"/> Conduct a Job Safety Review <input type="checkbox"/> Toolbox Meeting <input type="checkbox"/> Task Analysis Did the party conducting the works participate? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Confirm location of all pipelines in easement (using minimum of 2 methods) <input type="checkbox"/> By Esso – non-Esso pipelines will require separate approval by relevant Operator <input type="checkbox"/> Electronic pipe locator <input type="checkbox"/> Probe to contact pipe <input type="checkbox"/> Exposed pipe <input type="checkbox"/> Probe & dig to work depth <input type="checkbox"/> Other method (specify) _____ <input type="checkbox"/> Locate and peg / paint locations of pipelines) <input type="checkbox"/> at crossing points) <input type="checkbox"/> continuous at _____ m straight sections / _____ m change of direction <input type="checkbox"/> Esso supervision at work site <input type="checkbox"/> Conducted according to Procedure ONPOM PPL 600-101 Section _____ <input type="checkbox"/> Esso Surveillance Officer assigned _____		
Other special requirements:		
Required ENDORSEMENT OF PROPOSED WORKS, FOLLOWING LOCATION AND MARKING		
<input type="checkbox"/>	Prepared by	Name Signature Date
<input type="checkbox"/>	Pipeline Supervisor endorsement	Name Signature or time of verbal approval Date
Required? WORK REQUESTS REQUIRING PERMITS OR WORK PLANS AND ALL MAJOR WORK <span style="float:right">Status</span>		
<input type="checkbox"/>	Approved Esso work permits <input type="checkbox"/> Excavation <input type="checkbox"/> Hot Work <input type="checkbox"/> Confined <input type="checkbox"/> Space <input type="checkbox"/> General	
<input type="checkbox"/>	Review of third party plans <input type="checkbox"/> Plans <input type="checkbox"/> Drawings <input type="checkbox"/> Work Procedures <input type="checkbox"/> Safety Procedures	
<input type="checkbox"/>	Engineering reviews required (specify) _____	
Required? ENDORSEMENTS PRIOR TO WORK COMMENCEMENT		
<input type="checkbox"/>	Engineering endorsement	Position name Signature Date
<input type="checkbox"/>	Major Works endorsement	Position name Signature Date
Works completed in accordance with ONPOM PPL 600-101		Pipeline Supervisor signature Date



Esso BYDA Review

**Required Action**

Work Request required action of the requesting party \*

- DO NOT PROCEED site visit & work approval required
- Esso takes no exception to the work proposed above

--- PIPELINE WORK APPROVAL FORM ---

**Applicable To All Work Requests**

Conduct an Esso site visit prior to work date for pre-planning / verification of details

Yes  No

Conduct a job safety review

Toolbox meeting  Task analysis

Did the party conducting the work participate?

Yes  No

Confirmation of location of all Esso pipelines in the easement by Esso

NOTE: Non-Esso pipelines will require separate approval by relevant Operator

By Esso

Which methods were used (at least 2 types required)

Electronic pipe locator  Probe to contact pipe  Probe & dig to work depth  
 Exposed pipe  GPS (survey grade)  other

Locate and peg / paint location of all pipelines

At crossing points  Continuous

Spacing for straight sections (m)

Spacing for change of direction (m)

Esso supervision at work site

Conducted according to Procedure ONPOM PPL 600-101 Section \_\_\_\_\_

**Work Requests Requiring Permits or Work Plans and All Major Work**

Approved Esso work permits

Excavation  Hot works  Confined space  Critical  General

Review of third party plans

Plans  Drawings  Work procedures  Safety procedures

**Endorsements Prior to Work Commencement**

Engineering endorsement \*

Yes  N/A

Major works endorsement \*

Yes  N/A

**Works Completed in Accordance with ONPOM PPL 600-101**

Approval as per above documentation \*

Esso takes no exception to the work proposed above  
 DO NOT PROCEED - request declined

**Sign Off**

Contact type \*

In-person  By phone

Pipeline Surveillance Supervisor \*

Approval Date

Date  Time

Esso Pipeline Surveillance Officer signature ()

Verification of details above and conditions of work by requesting party

Requestor / Site Contact

Date  Date  Time

Requestor / Site Contact signature

**Report Sent to Requestor**

Review complete? \*


Yes  No

Report sent to Requestor \*

Yes  No  N/A

# Report Template

- Created in MS Word
- Customizable layout
- One or many templates
- Include all form data



Pipeline Surveillance Group  
Esso Australia Pty Ltd  
Level 1, 64-66 Foster St, Sale  
PO Box 372, Sale, Victoria, 3850  
General Enquiries no. 03 5143 4443  
Emergency no. 1800 633 971  
1800 653 438

## Esso BYDA Enquiry

### PIPELINE WORK REQUEST RECORD

**Job Reference**

Job ID: \${JobID}	Sequence ID: \${SequencalD}	Esso ID: \${EssoRequestID}
User reference: \${UserRef}	Date of request: \${DateOfRequest}	
Proposed work date: \${ProposedWorkDate}	Proposed completion date: \${ProposedComplDate}	Proposed duration: \${ProposedDuration} days

**Requestor Details**

Requested by: \${RequestorContact1}	Mobile: \${RequestorContact1}		
Email: \${RequestorEmail}	Phone: \${RequestorContact2}		
Company name: \${CompanyName}	Company type: \${CompanyType}		
Street: \${RequestorStreet}	Suburb: \${RequestorSuburb}	State: \${RequestorState}	P/Code: \${RequestorPCode}
Site contact: \${SiteContact}	Site contact number: \${SiteContactNo}		

**Esso Contact**


Esso contact: \${EssoContactName}	Contact number: \${EssoContactNo}
--------------------------------------	--------------------------------------

**Location Details**

\${Location   size:300:0}	Street: \${LocationStreet}	
	Suburb: \${LocationSuburb}	
	State: \${LocationState}	Post Code: \${LocationPCode}
	Landowner name: \${LandownerName}	
	Parcel type: \${ParcelType}	

Report Date:22/09/2022 3:45 PM Page 1 | 2





Pipeline Surveillance Group  
Esso Australia Pty Ltd  
Level 1, 64-66 Foster St, Sale  
PO Box 372, Sale, Victoria, 3850  
General Enquiries no. 03 5143 4443  
Emergency no. 1800 633 971  
1800 653 438

## Esso BYDA Enquiry

### PIPELINE WORK REQUEST RECORD

**Job Reference**

Job ID: 12345678	Sequence ID: 123456789	Enquirer ID:
User reference: A001	Date of request: November 1, 2021 10:00 AM	
Proposed work date: November 9, 2021	Proposed completion date: November 10, 2021	Proposed duration: 2 days


**Requestor Details**

Requested by: Jane Smith	Mobile: 0412345678		
Email: jsmith@email.com.au	Phone:		
Company name: Company ABC	Company type: Residential building		
Street: 1 Street	Suburb: Docklands	State: VIC	P/Code: 3008
Site contact: Alan	Site contact number: 0412345678		

**Esso Contact**

Esso contact: Trent	Contact number: 0412345678
------------------------	-------------------------------

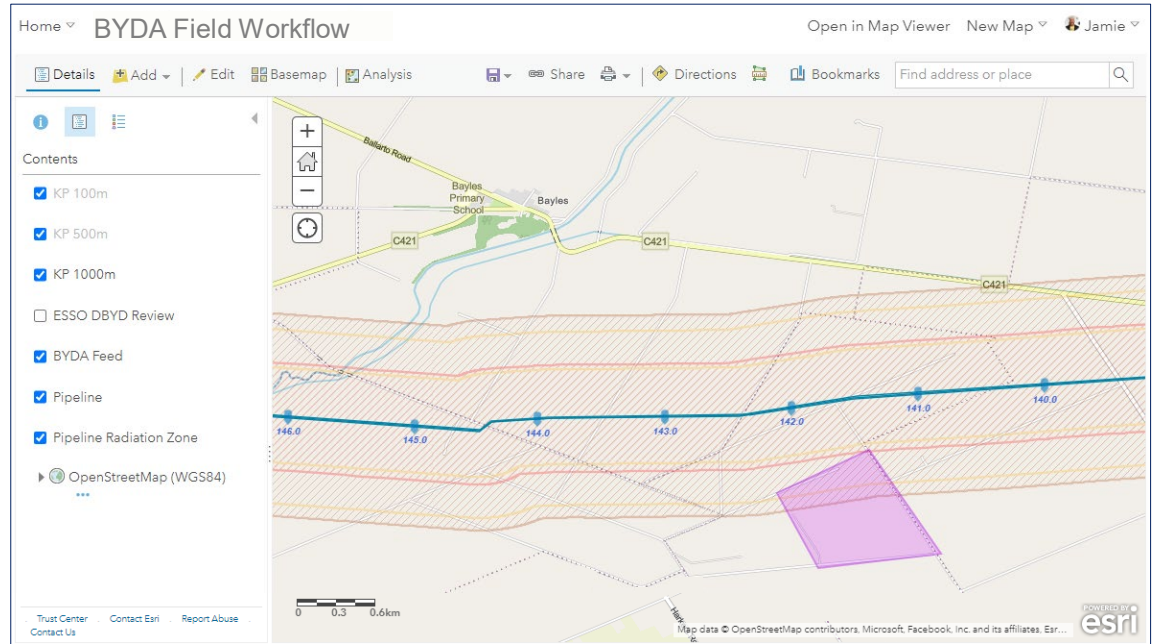
**Location Details**

	Street: 664 Collins Street	
	Suburb: Docklands	
	State: VIC	Post Code: 3008
	Landowner name: Jane	
	Parcel type: Private	Pipeline License: PL001

Report Date:24/08/2022 6:10 PM Page 1 | 2

# Digital Map

- ArcGIS Field Maps
- View multiple datasets
- Understand relationships
- Map configuration:
  - » Filter
  - » Expression
  - » Custom URL



# Filter

- Filter:
  - 'Response Type' is 'Impact'
  - 'Review Complete' is blank\*

Or

- 'Request Date' in the last 1 month(s)

Filter: BYDA Feed

View Edit

+ Add another expression  Add a set

Display features in the layer that match all of the following expressions

Response Type is Impact  Value  Field  Unique  Ask for values


Eso Review Compl is blank  Value  Field  Unique  Ask for values

APPLY FILTER APPLY FILTER AND ZOOM TO CLOSE

\* Note: GeoEvent Service modifies input data to enable this filter

# Expression

```
Expression
1 var geom = Geometry($feature);
2 var firstpart = geom.rings[0];
3 var outparts = [];
4 var counter = 0;
5 for (var pt in firstpart){
6   var ptstr = Concatenate(firstpart[pt].y, " ", firstpart[pt].x);
7   outparts[counter]= ptstr;
8   counter = counter + 1;
9 }
10 return Concatenate(outparts, ";")
11
```



Result	Value
Result	-38.19907754 145.47614599;-38.19799649 145.47876624;-38.19881843 145.48454725;-38.19940237 145.48436402;-38.20023967 145.48230737;-38.20221077 145.48359255;-38.20345037 145.48057718;-38.19907754 145.47614599

- Arcade – ArcGIS language
- Extract vertices as a text string
- Output used as geometry input in Survey123



# Custom URL

URL Parameter	Function
arcgis-survey123://?itemID= <i>form ID</i>	Launch Survey123 application and open form
&field:target1={source1}&field:target2={source2}	Pass BYDA attributes to survey form
&field:target={expression/expr0}	Pass vertices (LAT/LON) text string to form
&callback=https://survey123.arcgis.com/surveys/ <i>form ID</i> /data	Upon form submission, launch the Survey123 website

arcgis-survey123://?itemID=8552d862d2d647028c38c5d3a4878586&field:JobID={job\_id}&field:SequenceID={sequence\_id}&field:ActivityType={activity\_description}&field:Location={expression/expr0}&callback=https://survey123.arcgis.com/surveys/8552d862d2d647028c38c5d3a4878586/data

# Add URL to Feature Pop-Up

### Custom Attribute Display

Use the area below to define, format, and lay out the information you want to display.

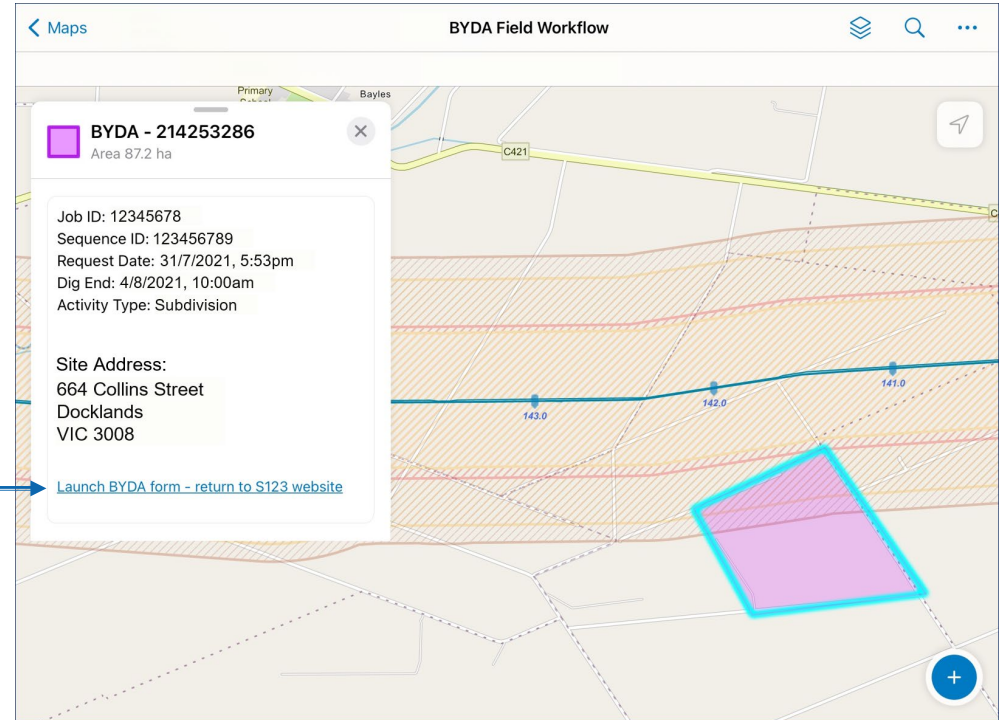
Font: [dropdown] Size: [small] [dropdown]

Job ID: {job\_id}  
Sequence ID: {sequence\_id}  
Request Date: {created\_at}  
Dig End: {dig\_end\_at}  
Activity Type: {activity\_description}

Site Address:  
{enquiry\_address\_street}  
{enquiry\_address\_suburb}  
{enquiry\_address\_state} {enquiry\_address\_postcode}

[Launch BYDA form – return to S123 website](#)

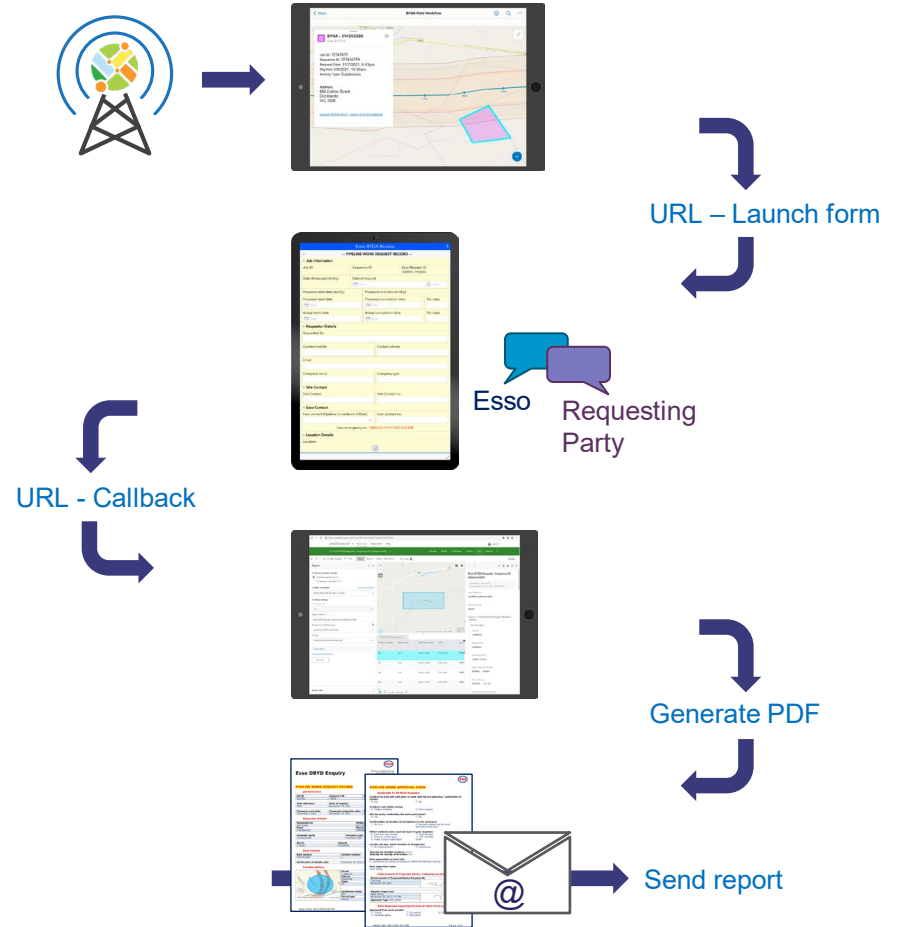
OK CANCEL



- Custom URL added to map

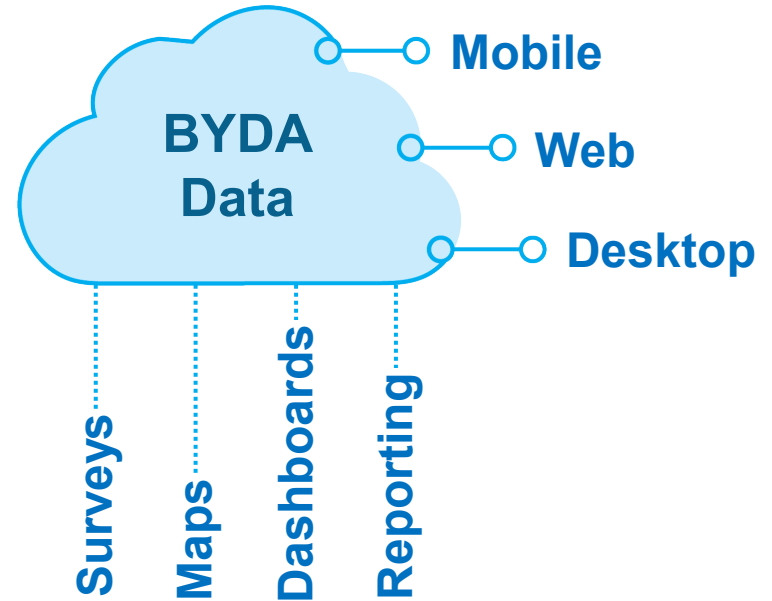
# Workflow Summary

- BYDA feed from SmarterWX
- Reviewed request in map
- Launch form, engage Requestor
- Generate output PDF report
- Email report to Requestor

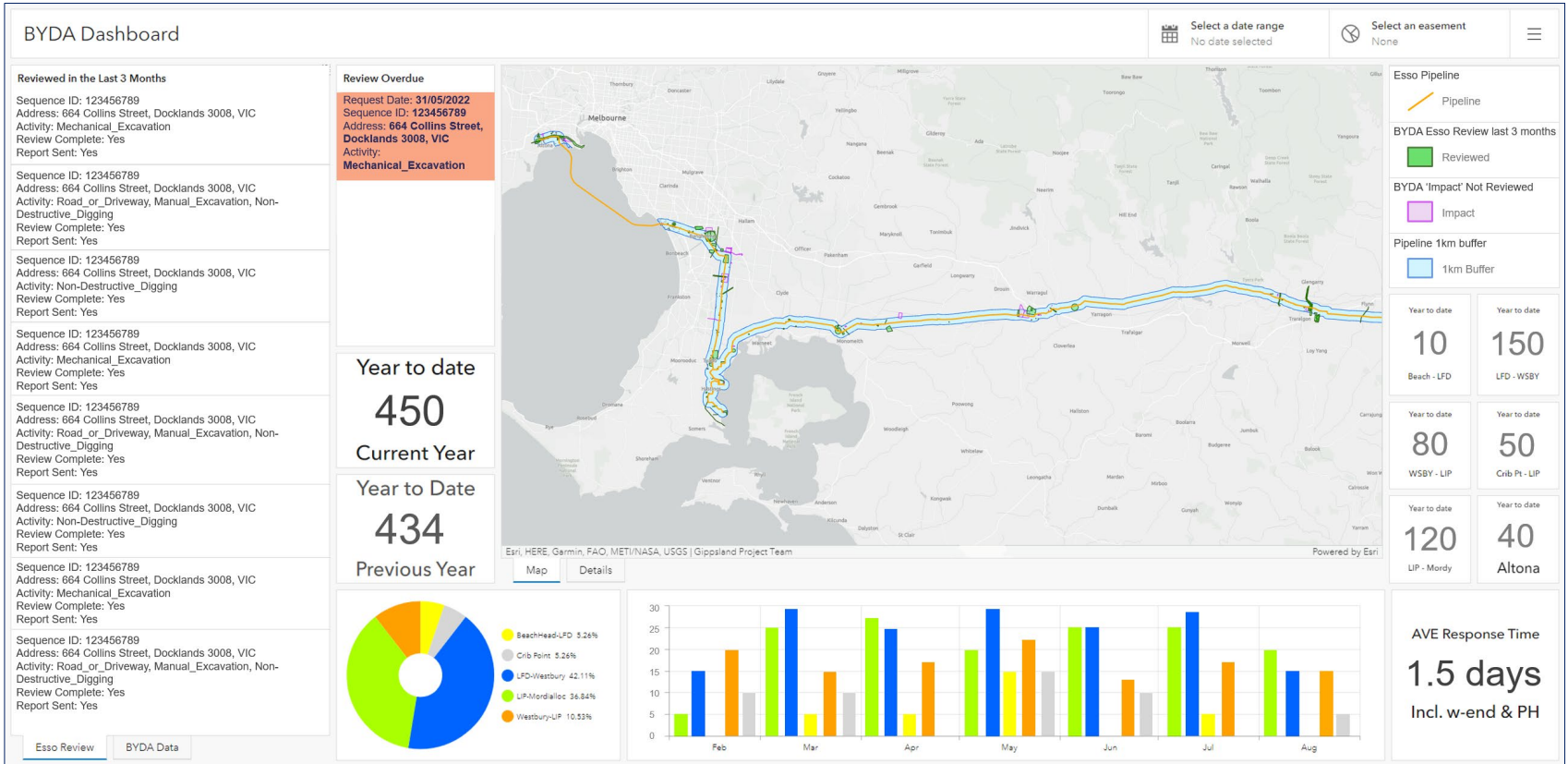


# Results

- Efficiency – time saving
- Eliminated double handling of data
- Integrated data & application workflow
- Improved data visualization
- Improved data access
- Out-of-the-box configuration



# Tracking Dashboard



# Thank You

Jamie Lambert  
ExxonMobil Australia  
[jamie.lambert@exxonmobil.com](mailto:jamie.lambert@exxonmobil.com)

