

AusNet

APGA-ENA Seminar

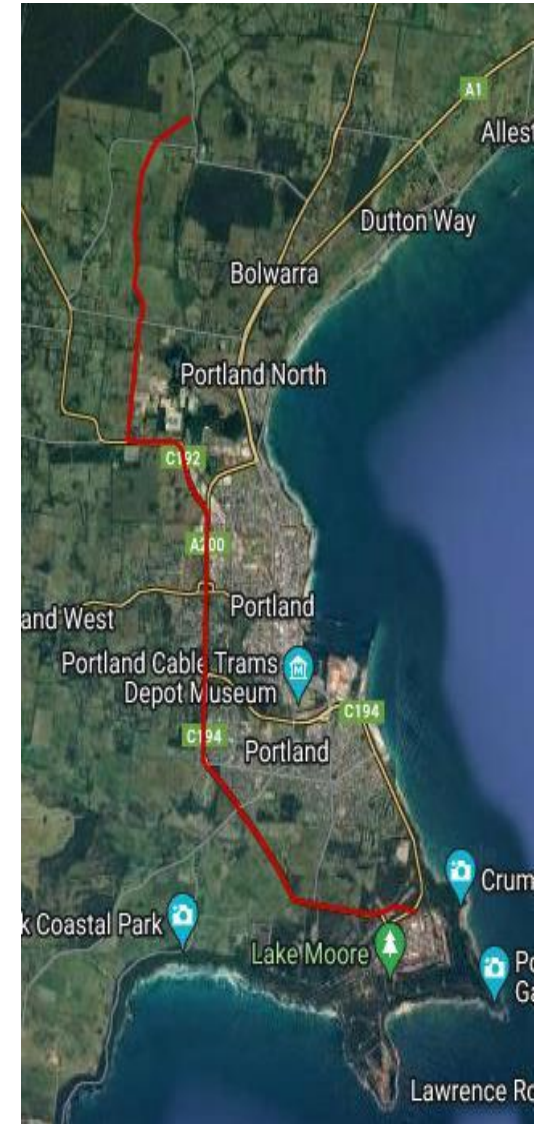
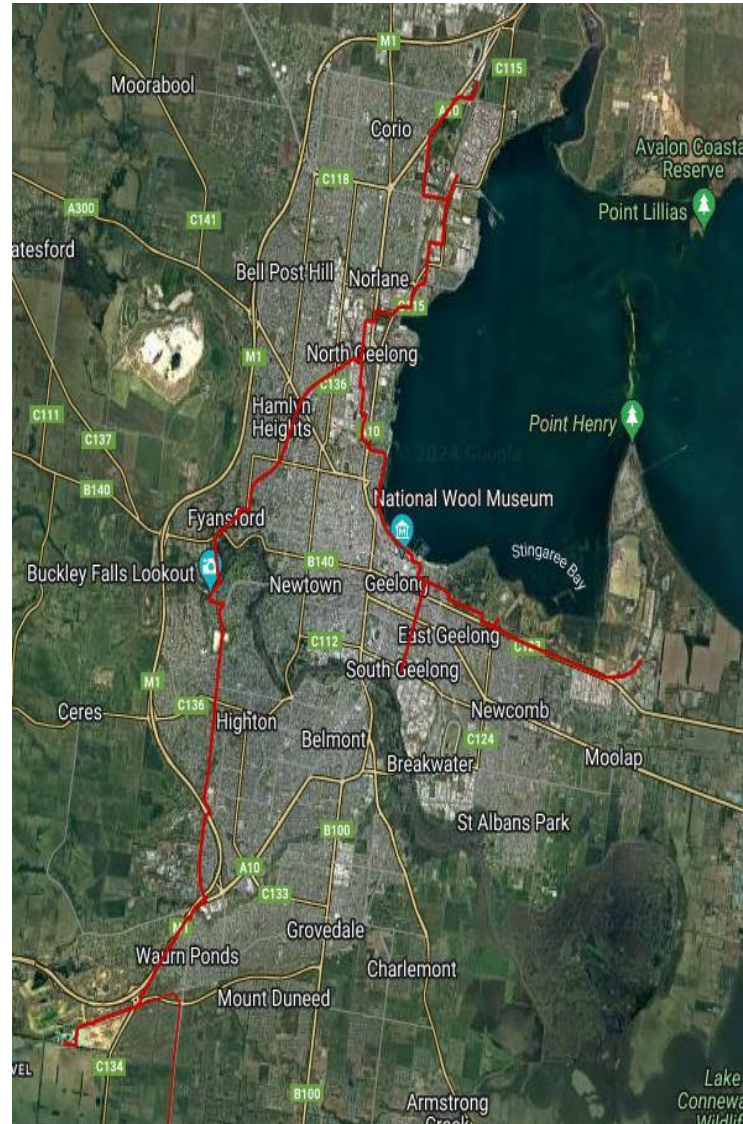
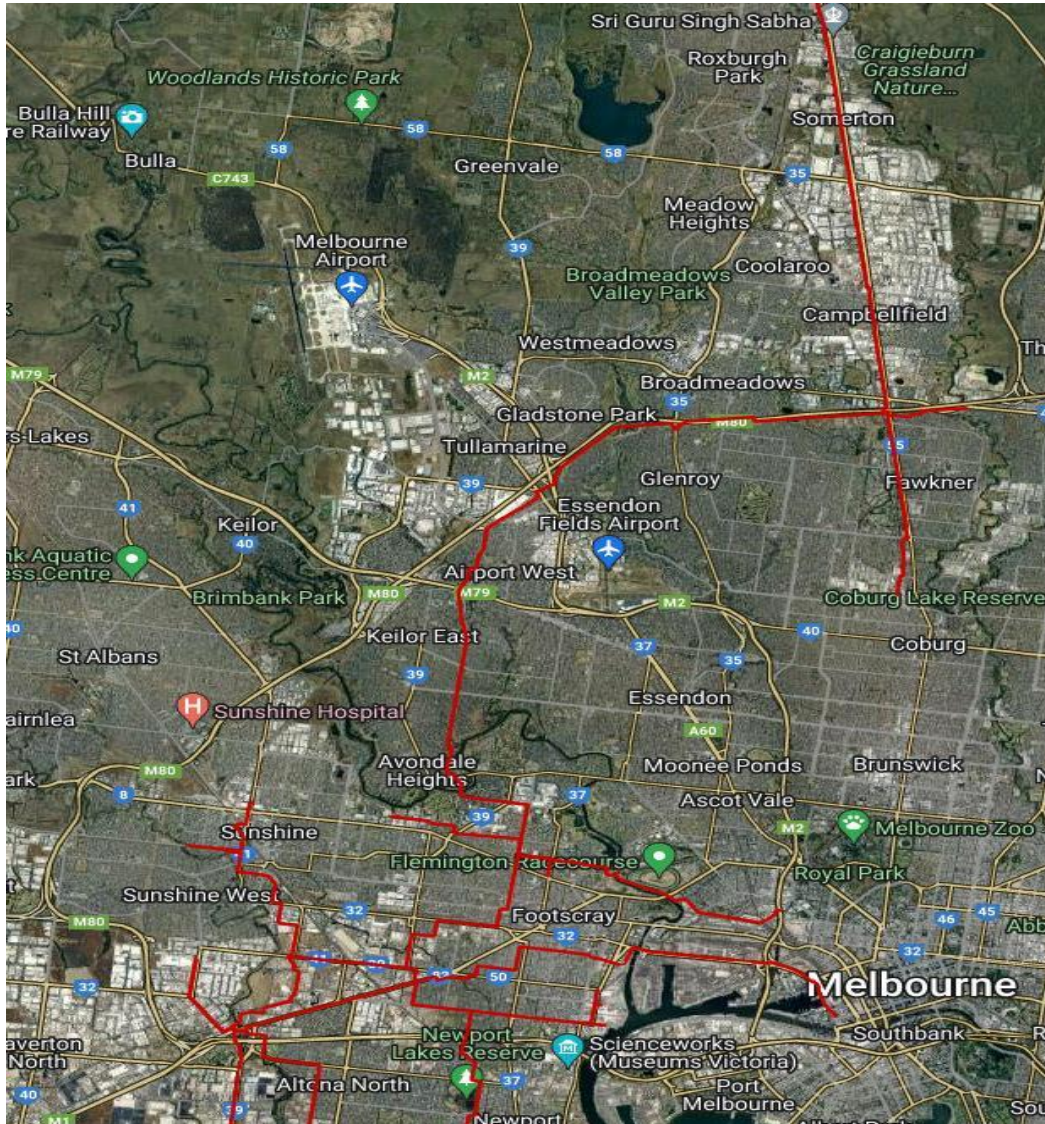
Improvements in Contractor Engagement Process

Arun Premraj MIEAust CPEng NER

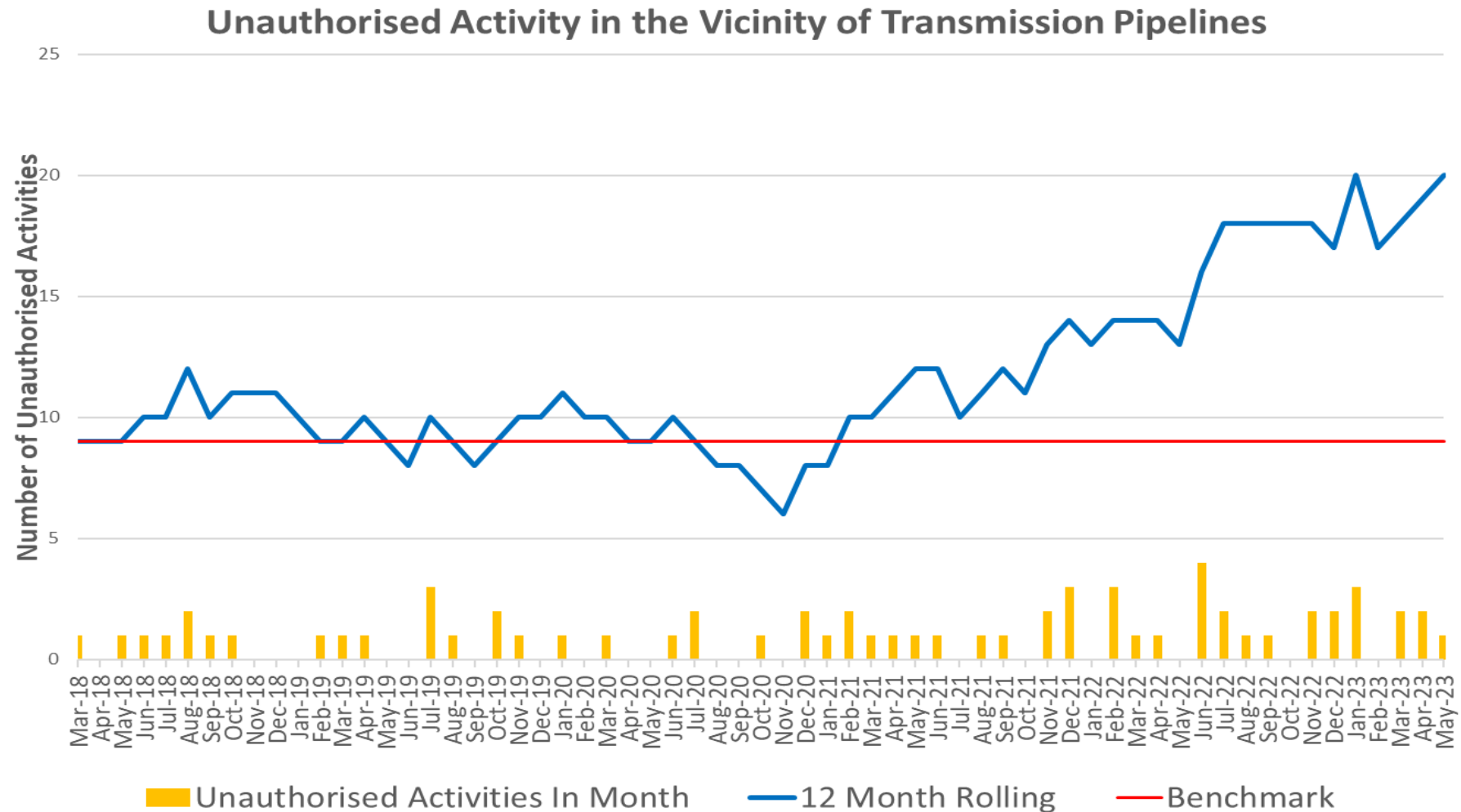


AusNet's Gas Transmission Pipelines

AusNet



Third party encroachments



Managing third party encroachments

- Detailed incident report to the ESV
- Issue encroachment letter to the offender/s
- Permit restrictions imposed
- Face to face meeting with the offending parties
- Improvement plans discussed
- Actions logged on incident management database
- Improvement actions sighted with evidences
- Gas Awareness sessions offered



Examples of some process improvements

AusNet



Changes to the permit process

- ☑ Automated acknowledgement response system
- ☑ Capture details of all stakeholders involved into the permit request form
- ☑ If a principal and sub-contractor involved – each party must sign and acknowledge the permit conditions
- ☑ Only once the acknowledgement is received the permit shall be validated and active
- ☑ Permit inspectors then are allocated
- ☑ All permit records maintained internally and reviewed on monthly basis

Automated Email response

AusNet



tppermits <tppermits@downergroup.com>
To: Arun Premraj

If there are problems with how this message is displayed, click here to view it in a web browser.

 TS 2607.1 Conditions for works near Gas Infrastructure (Mains and Services) issue 32.pdf
104 KB

 TS 2607.2 Conditions for works near Gas Transmission Pipelines V34.pdf
237 KB

 TS 2607.3 Conditions for the Use of Explosives near Gas Transmission Pipelines and Mains issue 2B.pdf
134 KB

 TS 4156 Vegetation and Planting of Trees near Gas Mains Compounds and Licensed Transmission Pipelines (004).pdf
514 KB

This message originated from outside AusNet. Do not click on links or open attachments unless you recognise the sender and know the content is safe.

Hi ,

This is an initial acknowledgment that tppermits team (tppermits@downergroup.com) has received your enquiry.

The first available team member will endeavour to attend to your enquiry and aim to process your enquiry within 5 business days.

- Please allow up to 10 working days to obtain the permit to work applications after the initial response.

Pressure Tier:	Pressure Range:	Colour Code:	System Pressure:	Conditions of Works:
Low Pressure (LP)	Up to 7 kPa	Black	—	Distribution
Medium Pressure (MP)	15 to 140 kPa	Green	—	Distribution
High Pressure1 (HP1)	140 to 515 kPa	Blue	—	Distribution
High Pressure2 (HP2)	515 to 1050 kPa	Orange	—	Distribution
Transmission Pressure (TP)	1050 to 2760 kPa	Red	—	Transmission

Condition of work references:

- TS 2607.1 – Conditions of work while working near gas distribution mains & services. (Direct enquires to engenquiries@downergroup.com)
- TS 2607.2 - Conditions of work while working near licensed gas transmission pipelines.
- TS 2607.3 - Conditions of work regarding earth movement or ground vibrations near gas transmission pipelines.
- TS 4156 – Technical standard of 'Vegetation and Planting of Trees near Gas Mains, Compounds and Licensed Transmission Pipelines'.

If your enquiry is urgent, please contact our project administrator on Amanda.Damore@downergroup.com or (03) 7379 8820 during working hours (Monday - Friday from 08:00AM till 04:00PM).

Regards,

tppermits team

Updated Permit Request Form

3	Drawing/s with your proposed works in reference to transmission pipeline (TP). Please, specify planned inverts level, distances/clearances to or from TP, etc. <u>Drawing/s shall be attached (detailed sketch/es is/are acceptable).</u>				
4	What are planned days of works:	Start Date:	Finish date:	Total no. of inspectors days:	
		Secondary Contractor (works completed by):		Primary Contractor (works ordered by):	
6(a.)	Company Name:				
6(b.)	Company Address:				
6 (c.)	ABN:				
6(d.)	Contact Name:				
6(e.)	Contact mobile no:				
8	What excavation method will be utilised (open cut, boring etc):				
9	Who will be supervisor/leading hand on site and contact number:	Site Contact 1		Site Contact 2	
		Full Name:		Full Name:	
		Mobile no:		Mobile no:	

An Example of the process being followed... AusNet

to this message on 30/11/2023 3:33 PM.

problems with how this message is displayed, click here to view it in a web browser.

works in reference to transmission pipeline (TP). Please, specify planned Inverts level, distances/clearances to or from TP, etc. <u>Drawing/s shall be attached (detailed sketch/es is/are acceptable).</u>				
What are planned days of works:	Start Date:	Finish date:	Total no. of inspectors days:	
	27/11/2023	22/12/2023	2 – 3 (1 or 2 days for excavation and installation of temporary infrastop valves & Elrene st/Francis st connection and 1 day for removal of temporary infrastop valves & backfill)	
	Secondary Contractor (works completed by):		Primary Contractor (works ordered by):	
Company Name:	Interflow Pty Ltd		Greater Western Water	
Company Address:	42 Koornang Road Scoresby VIC 3179		1 McNab Avenue Footscray	
ABN:	34 000 563 208		70 066 902 467	
Contact Name:	Hilary Williams		Tom Barker, David Szeto	
Contact mobile no:	0455 788 391		0414 974 098	
What excavation method will be utilised (open cut, boring etc):	Open cut 3 holes in Francis street along existing water main with 2.5 offset from front property boundary approx. 1-1.2m deep (dependant on depth of existing water main). NDD to be used for majority of excavation due to proximity of transmission main, road saw to be used if water main runs under footpath, kerb & channel or road surface			
Who will be supervisor/leading hand on site and contact number:	Site Contact 1		Site Contact 2	
	Full Name:	Justin Montebello	Full Name:	Hilary Williams
	Mobile no:	0402 041 421	Mobile no:	0455 788 391

Acknowledgment Letter

AusNet

- ✓ Acknowledgement letter from the applicant/s (primary or/and secondary)
- ✓ Pipeline inspector allocation only once the acknowledgement is received
- ✓ DocuSign or other automated options being considered

Downer AusNet

Downer Utilities
ABN 65 075 134 557
1 West Park Drive
Derrimut VIC 3026
1500 DOWNER
www.downergroup.com

4 March 2024

**Customer acknowledgement of permit to work conditions when working within AusNet
Licenced Transmission Gas Pipelines.**

Dear Customer,

This letter confirms that you have received and accepted the permit to work for your proposed works within 3.0m of an AusNet Licenced Transmission Gas Pipeline. The permit to work outlines the terms and conditions of your works at the specified location along with the conditions stated as per AusNet Technical Standard TS 2607.2 & TS 2607.3.

By signing this letter, you agree to abide by these terms and conditions and accept the risks involved. You also acknowledge that you have read and understood the permit to work.

Please sign and return this copy of this letter to the Downer gas pipeline security team.
(To: Downer_Gas_Pipeline_Security@downergroup.com, Cc: tppermits@downergroup.com) when you book a pipeline inspector along with an approved permit to work.

Note: Downer Pipeline inspectors' bookings will only be accepted with signed customer acknowledgment letter being submitted prior to inspector booking.

Regards,
Downer Utilities Pty Ltd

Customer to fill and sign below:

Permit to work reference number: PTW 024A-048	
Primary Contractor , Company Name:	Secondary Contractor , Company Name:
Programmed Facility Management Pty. Ltd.	
Date: 04/03/2024	Date:
Name: Eric Wang	Name:
Sign: <i>Eric Wang</i>	Sign:

DD-CA-TP009-AU
Internal Use Only
© Downer. All Rights Reserved

Page 1 of 1
Version: 1.2
Warning: Printed documents are UNCONTROLLED

Downer AusNet

Downer Utilities
ABN 65 075 134 557
1 West Park Drive
Derrimut VIC 3026
1500 DOWNER
www.downergroup.com

21 February 2024

**Customer acknowledgement of permit to work conditions when working within AusNet
Licenced Transmission Gas Pipelines.**

Dear Customer,

This letter confirms that you have received and accepted the permit to work for your proposed works within 3.0m of an AusNet Licenced Transmission Gas Pipeline. The permit to work outlines the terms and conditions of your works at the specified location along with the conditions stated as per AusNet Technical Standard TS 2607.2 & TS 2607.3.

By signing this letter, you agree to abide by these terms and conditions and accept the risks involved. You also acknowledge that you have read and understood the permit to work.

Please sign and return this copy of this letter to the Downer gas pipeline security team.
(To: Downer_Gas_Pipeline_Security@downergroup.com, Cc: tppermits@downergroup.com) when you book a pipeline inspector along with an approved permit to work.

Note: Downer Pipeline inspectors' bookings will only be accepted with signed customer acknowledgment letter being submitted prior to inspector booking.

Regards,
Downer Utilities Pty Ltd

Customer to fill and sign below:

Permit to work reference number: 024A-036	
Primary Contractor , Company Name:	Secondary Contractor , Company Name:
Ventia Pty. Ltd. 167 Cremorne St, Cremorne VIC 3121 ABN: 51 603 146 676	Kahlon Enterprise Pty. Ltd. 51 Inkerman Cres, Mickleham ABN: 11 619 082 469
Date: 21/02/2024	Date: 21/02/2024
Name: <i>Kim Gasal</i>	Name: Arshdeep Singh
Sign: <i>Kim Gasal</i>	Sign: <i>Arshdeep Singh</i>

DD-CA-TP009-AU
Internal Use Only
© Downer. All Rights Reserved

Page 1 of 1
Version: 1.2
Warning: Printed documents are UNCONTROLLED

Permit Register tracking

Description	1st Response Date	1st Site Contact	Attention	Emailed Date (Pdf)	Amend Required (Word)	Amendment Emailed Date (PDF)	Extension Required (Word)	Extension Emailed Date (PDF)	Permit Issuer	Inspector Charges Applicable	Supersedes permit No	W.O	Hrs	Graduate/S Engineer A
OPEN CUT EXCAVATION FOR PIPELINE COATING EXPOSURE AND/OR REPAIR ON 450MM TRANSMISSION PIPELINE (T18-94) @ 10 WILLIAMSON RD, MARIBYRNONG	4/01/2023	Rocky Mammi 0411 658 821	Rocky Mammi 0411 658 821	4/01/2023	Yes	11/01/2023			SM	N				Permit No 023A / SM - N
INDO OPEN CUT EXCAVATION FOR PROVING AND NDT WORKS ON DN150 HP2 MAIN REGULATOR OUTLET OF P7-5002 INSIDE FENCE OF WOODEND CITY GATE @ 560 COBB AND CO ROAD, CARLSRUHE	6/01/2023	Emmanuel Piliis 0411 658 840	Kyle Gosens 0427 630 687 Brent Wardley 0409 281 160	17/01/2023			Yes	15/02/2023	SM	N				Permit No 023A / SM - N
OPEN CUT EXCAVATION UP TO 2000MM FOR REMEDIATION OF OLD BRADMILL SITE WITHIN 3.0M EXCLUSION ZONE OF 80MMT53-SVFRAD1 TRANSMISSION PIPELINE VALVE AND CONNECTING INFRASTRUCTURE (T53-15) @ 341 - 355 FRANCIS ST, YARRAVILLE	9/01/2023	Stuart Bottams 0437 830 856	Amit Patel 0427 469 113	11/01/2023			Yes	17/02/2023	SM/KS	Y - Winslow Infrastructure	022A-168, 022A-168E, 022A-274, 022A-274 E	111791981		Permit No 023A / SM - N
OPEN CUT EXCAVATION FOR 63MM ELECTRICAL CONDUIT AND LOW VOLTAGE ELECTRICAL SERVICE CABLE WITHIN 3.0M EXCLUSION ZONE OF 150MM TRANSMISSION PIPELINE (T35-31) @ 275 TO 283 HUME HWY, CRAIGIEBURN	9/11/2022	Fred Lorenzini 0419 391 252	Fred Lorenzini 0419 391 252	9/01/2023					KS	N	022A-300	111840248		
HYDROVAC EXCAVATION AND OPEN CUT EXCAVATION FOR P50 NBN CONDUIT CROSSING 450MM TRANSMISSION PIPELINE (T18-75) @ 16 LEIGHTON CRES, FAWKNER	8/09/2022	Terry Truong 0492 136 762	Terry Truong 0492 136 762	9/01/2023					KS	N		111840250		
OPEN CUT EXCAVATION FOR REMOVAL OF CATHODIC PROTECTION TEST POINT ENCASED IN CONCRETE WITHIN 3.0M EXCLUSION ZONE OF 250MM TRANSMISSION PIPELINE (T23-20) @ 1 HIGHTT RD, HIGHTON	9/01/2023	Paul Douglas 0411 658 845	Travers Hosken 0429 413 441	13/01/2023	Yes	1/03/2023	Yes	9/02/2023	KS	N				
OPEN CUT EXCAVATION FOR REMOVAL OF CATHODIC PROTECTION TEST POINT AND ASPHALT PAD WITHIN 3.0M EXCLUSION ZONE OF 250MM TRANSMISSION PIPELINE (T23-20) @ CNR SCENIC RD AND LEIGH RD, HIGHTON	9/01/2023	Paul Douglas 0411 658 845	Travers Hosken 0429 413 441	13/01/2023	Yes	1/03/2023	Yes	9/02/2023	KS	N				
OPEN CUT AND HYDROVAC EXCAVATION FOR REPAIR OF LEAKING SEWER MAIN WITHIN 3.0M EXCLUSION ZONE 350MM TRANSMISSION PIPELINE (T19-16) @ 121 - 171 SEABEACH PDE, NORTH SHORE	13/01/2023	Graeme Archer 0407 556 391	Graeme Archer 0407 556 391	13/01/2023					KS	N		111840251		
OPEN CUT AND HYDROVAC EXCAVATION FOR INSTALLATION OF COMMUNICATIONS CONDUITS AND PITS WITHIN 3.0M EXCLUSION ZONE OF 400MM TRANSMISSION PIPELINE (T77-13 & 14) @ CALA ST (BETWEEN SUNSHINE AVE AND INDWE ST), WEST FOOTSCRAY	10/01/2023	Damien Bracewell 0417 078 587	Damien Bracewell 0417 078 587	16/01/2023					KS	Y - QC Comms		111853669		
OPEN CUT AND HYDROVAC EXCAVATION FOR INSTALLATION OF COMMUNICATIONS CONDUITS AND PITS WITHIN 3.0M EXCLUSION ZONE OF 400MM TRANSMISSION PIPELINE (T77-13) @ CNR INDWE ST AND ALIWA ST, WEST FOOTSCRAY	10/01/2023	Damien Bracewell 0417 078 587	Damien Bracewell 0417 078 587	16/01/2023					KS	N		111853670		
HYDROVAC EXCAVATION AND CORE BARRELING FOR POWER POLE INSTALLATION WITHIN 3.0M EXCLUSION ZONE OF 200MM TRANSMISSION PIPELINE (T35-28) @ 115 HUME HWY, SOMERTON	11/01/2023	James Hoseason 0428 812 842	James Hoseason 0428 812 842	11/01/2023					KS	N	022A-184 & 022A-228			
HYDROVAC EXCAVATION FOR REMOVAL AND INSTALLATION OF COMMUNICATIONS PIT WITHIN 3.0M EXCLUSION ZONE OF 350MM TRANSMISSION PIPELINE (T19-18) @ 15 SEASIDE PDE, NORTH SHORE	11/01/2023	Troy Holmes 0438 606 604	Troy Holmes 0438 606 604	11/01/2023					KS	N				

Feedback

- Contractors / councils supportive of the changes
- All requested information provided
- Observed a reduction in encroachments since the process has been implemented

BYDA Sequence Number:	231675400		
Location for works in question (Address - the closest street number inclusive of area/suburb):	225 Francis Street Yarraville (Water main renewal in Eirene Street Yarraville)		
Drawing/s with your proposed works in reference to transmission pipeline (TP). Please, specify planned inverts level, distances/clearances to or from TP, etc. Drawing/s shall be attached (detailed sketch/es is/are acceptable).			
What are planned days of works:	Start Date:	Finish date:	Total no. of inspectors days:
	27/11/2025	22/12/2025	2 - 3 (1 or 2 days for excavation and installation of temporary infrast valves & Eirene St/Francis St connection and 1 day for removal of temporary infrastop valves & backfill)
	Secondary Contractor (works completed by):		Primary Contractor (works ordered by):
Company Name:	Interflow Pty Ltd		Greiner Western Water
Company Address:	42 Keornang Road Scoresby VIC 3179		1 McNab Avenue Footscray
ABN:	34 000 563 306		70 066 902 467
Contact Name:	Hilary Williams		Tom Barker, David Sivola
Contact mobile no:	0455 788 392		0414 574 099

Any Questions?