













Data capture and condition assessment of stormwater, cross drainage and sewer assets using Quickview and CCTV technology.













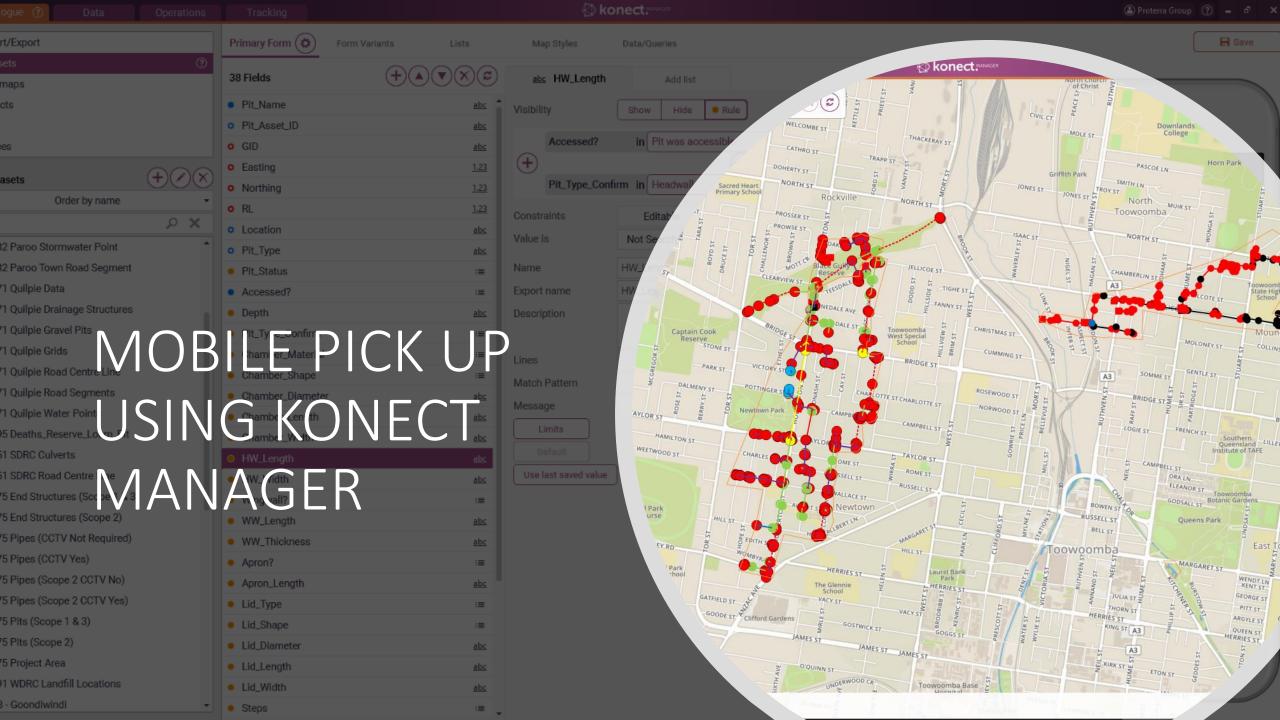










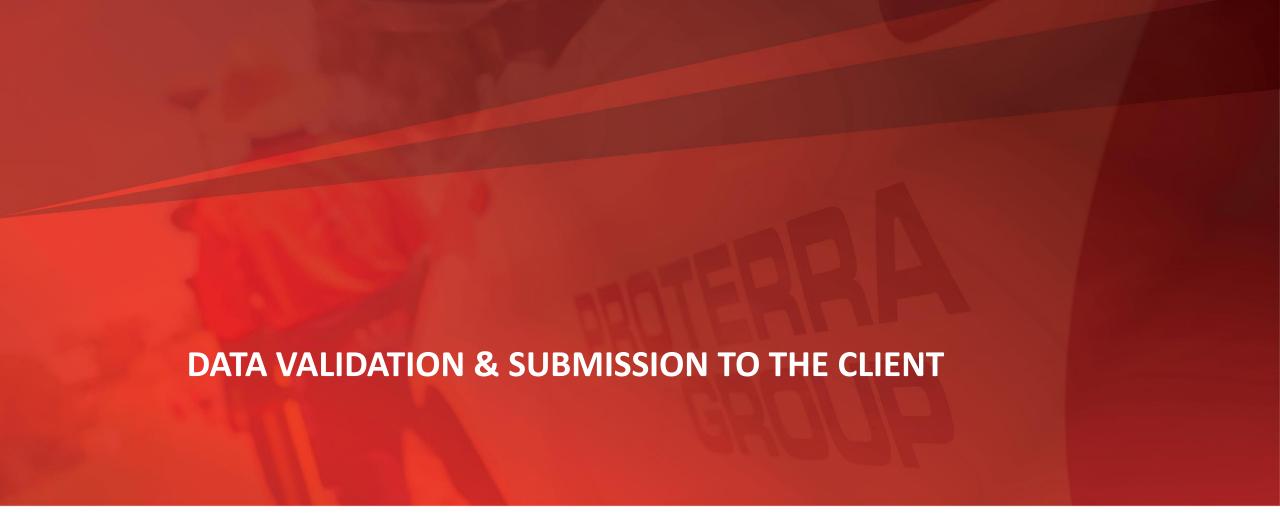






CONDITION ASSESSMENT

Grade	Condition	Description	Response	Residual Life
0	Not Rated	Unable to be rated, may no longer exist or removed from plans.	Response will vary subject to circumstances	N/A
1	Very Good	Structural: sound physical condition. Insignificant deterioration. Asset likely to perform adequately without major work for 25 years or more. Serviceability: no or insignificant loss of hydraulic capacity.	No immediate action required.	60% to 100%
2	Good	Structural: acceptable physical condition; minor deterioration / minor defects evident. Serviceability: minor loss of hydraulic performance.	No immediate action required other than possible cleaning.	35% to 60%
3	Fair	Structural: moderate to significant deterioration evident. Minor components or isolated sections of not asset need replacement or repair now but not affecting short term structural integrity. Serviceability: moderate loss of hydraulic performance but asset still functions safely at adequate level of service.	Take action as appropriate to address defects, if necessary, cleaning, silt removal, root cutting.	20% to 35%
4	Poor	Structural: serious deterioration and significant defects evident affecting structural integrity. Serviceability: significant loss of hydraulic performance. Substantial work required in short-term to keep asset serviceable.	Take immediate action as appropriate to address defects. Immediately undertake risk assessment and further investigate options.	10% to 20%
5	Very Poor	Structural: failed or failure imminent. Serviceability: health and safety hazards exist which present a possible risk to public safety or asset cannot be serviced / operated with out risk to personnel.	Take immediate action as appropriate to address the defects. Immediately undertake risk assessment and further investigate options.	0 % to 10%







GISID	LocationDescription	Structure_Type	SL	IL	Depth	InletType	LintelLength	LintelConstruction	Diameter	Length	Width	LidType	Material	ChamberShape	InletConfig
swPIT548972	Road	Pit	498.743	496.943	1800	OTHER - LIL Gully	2.4	Precast	1050	Not Applicable	Not Applicable	Galvanised Steel Grate	Concrete	Circular	Right
swPIT549128	Road	Pit	499.924	498.524	1400	OTHER - LIL Gully	3.6	Precast	1050	Not Applicable	Not Applicable	Galvanised Steel Grate	Concrete	Circular	Centre
swPIT549121	Road	Pit	502.303	500.753	1550	OTHER - LIL Gully	2.4	Precast	1050	Not Applicable	Not Applicable	Galvanised Steel Grate	Concrete	Circular	Right
newPIT003192UNK	Road	Pit	520.087	518.827	1260	OTHER - LIL Gully	2.4	Precast	1050	Not Applicable	Not Applicable	Galvanised Steel Grate	Concrete	Circular	Left
newPIT003193UNK	Road	Pit	515.886	514.586	1300	OTHER - LIL Gully	2.4	Precast	1050	Not Applicable	Not Applicable	Galvanised Steel Grate	Concrete	Circular	Left
swPIT549036	Road	Pit	510.993	507.393	3600	OTHER - LIL Gully	2.4	Precast	1800	Not Applicable	Not Applicable	Galvanised Steel Grate	Concrete	Circular	Left
swPIT581764	Road	Pit	528.476	Unknown	Unknown	OTHER - LIL Gully	2.4	Precast	900	Not Applicable	Not Applicable	Galvanised Steel Grate	Concrete	Circular	Right
newPIT003195UNK	Road	Pit	533.933	532.503	1430	OTHER - LIL Gully	2.7	Insitu	900	Not Applicable	Not Applicable	Cast Iron Grate	Concrete	Circular	Right
newPIT003196UNK	Road	Pit	532.574	531.599	975	OTHER - LIL Gully	2.7	Insitu	900	Not Applicable	Not Applicable	Cast Iron Grate	Concrete	Circular	Right
newPIT003197UNK	Road	Pit	532.439	531.559	880	OTHER - LIL Gully	2.7	Insitu	900	Not Applicable	Not Applicable	Cast Iron Grate	Concrete	Circular	Right
newPIT003198UNK	Road	Pit	532.48	531.6	880	OTHER - LIL Gully	2.7	Insitu	900	Not Applicable	Not Applicable	Galvanised Steel Grate	Concrete	Circular	Left
swPIT173847	Road	Pit	528.249	527.069	1180	OTHER - LIL Gully	2.4	Precast	Not Applicable	900	600	Galvanised Steel Grate	Concrete	Rectangular	Left
swPIT173848	Road	Pit	527.81	526.01	1800	OTHER - LIL Gully	2.4	Precast	Not Applicable	900	600	Galvanised Steel Grate	Concrete	Rectangular	Left
swPIT173849	Road	Pit	526.99	525.15	1840	OTHER - LIL Gully	2.4	Precast	Not Applicable	900	780	Galvanised Steel Grate	Concrete	Rectangular	Left
swPIT185676	Road	Pit	525.533	524.303	1230	OTHER - LIL Gully	2.4	Precast	Not Applicable	1200	600	Galvanised Steel Grate	Concrete	Rectangular	Left
swPIT185675	Road	Manhole	525.342	Unknown	Unknown	Not Applicable	Not Applicable	Not Applicable	Unknown	Unknown	Unknown	Circular Cast Iron Lid	Unknown	Unknown	Unknown
swPIT581759	Road	Manhole	524.84	Unknown	Unknown	Not Applicable	Not Applicable	Not Applicable	Unknown	Unknown	Unknown	Circular Cast Iron Lid	Unknown	Unknown	Unknown
swPIT581757	Road	Manhole	523.01	Unknown	Unknown	Not Applicable	Not Applicable	Not Applicable	Unknown	Unknown	Unknown	Circular Cast Iron Lid	Unknown	Unknown	Unknown
swPIT581758	Road	Pit	523	520.95	2050	OTHER - LIL Gully	2.4	Precast	1050	Not Applicable	Not Applicable	Galvanised Steel Grate	Concrete	Circular	Left
swPIT581762	Footpath	Pit	520.964	519.614	1350	OTHER - Field Inlet Type 1	Not Applicable	Not Applicable	Unknown	Unknown	Unknown	Galvanised Steel Grate	Unknown	Unknown	Unknown
swPIT179912	Property - No Easement	Pit	484.381	483.041	1340	OTHER - Field Inlet Type 1	Not Applicable	Not Applicable	900	Not Applicable	Not Applicable	Galvanised Steel Grate	Concrete	Circular	Not Applicable
swPIT179915	Property - No Easement	Pit	481.434	479.994	1440	OTHER - Field Inlet Type 1	Not Applicable	Not Applicable	900	Not Applicable	Not Applicable	Galvanised Steel Grate	Concrete	Circular	Other
swPIT179914	Property - No Easement	Pit	480.53	479.41	1120	OTHER - Field Inlet Type 1	Not Applicable	Not Applicable	900	Not Applicable	Not Applicable	Galvanised Steel Grate	Concrete	Circular	Not Applicable
swPIT185290	Footpath	Unknown	498.688	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
swPIT179929	Road	Pit	498.289	496.829	1460	OTHER - LIL Gully	3.6	Precast	900	Not Applicable	Not Applicable	Galvanised Steel Grate	Concrete	Circular	Left
swPIT179928	Road	Pit	498.212	496.212	2000	OTHER - LIL Gully	3.6	Precast	Not Applicable	1050	1050	Galvanised Steel Grate	Concrete	Rectangular	Right
swPIT179930	Road	Pit	496.533	494.533	2000	OTHER - LIL Gully	3.6	Precast	Not Applicable	1050	1050	Galvanised Steel Grate	Concrete	Rectangular	Right
swPIT179932	Road	Pit	495.12	493.69	1430	OTHER - LIL Gully	2.4	Precast	900	Not Applicable	Not Applicable	Galvanised Steel Grate	Concrete	Circular	Left
swPIT179931	Road	Pit	495.066	493.106	1960	OTHER - LIL Gully	3.6	Precast	Not Applicable	1050	1050	Galvanised Steel Grate	Concrete	Rectangular	Right
swPIT179933	Road	Pit	493.353	491.383	1970	OTHER - LIL Gully	3.6	Precast	Not Applicable	1050	1050	Galvanised Steel Grate	Concrete	Rectangular	Right
swPIT179934	Road	Pit	492.637	491.117	1520	OTHER - LIL Gully	2.4	Precast	Not Applicable	1050	1050	Galvanised Steel Grate	Concrete	Rectangular	Right

1 GISID	→ StruCond ▼ Se	ervCond 🔻	DisMod1 🔻	Comments1	▼ StructureSurveyStatt ▼	StructureAccessibility -	Update_User ▼	Update_Date 🔻	Hyperlink *
2 newEST003020U	NK 3 2	:	Surface damage	The wood is rotting away.	Surveyed	Accessed	Proterra Group	24-08-17	newEST003020UNK
3 newEST003021U	NK 2 2		Breaking	There is minor breaking on top of the headwall.	Surveyed	Accessed	Proterra Group	24-08-17	newEST003021UNK
4 newEST003022U	NK 2 1	:	Surface damage	There is minor surface damage at the top of the headwall.	Surveyed	Accessed	Proterra Group	29-08-17	newEST003022UNK
5 newEST003023U	NK 2 2		Cracking	There is a minor vertical crack on the headwall.	Surveyed	Accessed	Proterra Group	24-08-17	newEST003023UNK
6 newEST003024U	NK 2 2		None		Surveyed	Accessed	Proterra Group	24-08-17	newEST003024UNK
7 newEST003025U	NK 2 2		None		Surveyed	Accessed	Proterra Group	24-08-17	newEST003025UNK
8 newEST003026U	NK 2 1		None		Surveyed	Accessed	Proterra Group	24-08-17	newEST003026UNK
9 newEST003027U	NK 3 2		Cracking	There is minor cracking on headwall.	Surveyed	Accessed	Proterra Group	24-08-17	newEST003027UNK
10 newEST003028U	NK 2 2		Cracking	There is minor cracking on headwall.	Surveyed	Accessed	Proterra Group	24-08-17	newEST003028UNK
11 newEST003029U	NK 1 1		None		Surveyed	Accessed	Proterra Group	25-08-17	newEST003029UNK
12 newEST003030U	NK 1 1		None		Surveyed	Accessed	Proterra Group	25-08-17	newEST003030UNK
13 newEST003031U	NK 2 2		Cracking	There is a major vertical crack on headwall.	Surveyed	Accessed	Proterra Group	25-08-17	newEST003031UNK
14 newEST003032U	NK 2 1	(Cracking	There is a minor vertical crack on headwall	Surveyed	Accessed	Proterra Group	25-08-17	newEST003032UNK
15 newEST003338U	NK 2 2	:	Siltation	There is minor silt and overgrowth at inlet.	Surveyed	Accessed	Proterra Group	19-10-17	newEST003338UNK
16 newEST003339U	NK 2 2		Cracking	There is minor cracking on headwall.	Surveyed	Accessed	Proterra Group	19-10-17	newEST003339UNK
17 newEST003340U	NK 2 1		Cracking	There is minor cracking on the headwall.	Surveyed	Accessed	Proterra Group	27-10-17	newEST003340UNK
18 newEST003341U	NK 1 2		Debris	There is minor water ponding and debris at the outlet.	Surveyed	Accessed	Proterra Group	27-10-17	newEST003341UNK
19 newEST003342U	NK 1 1		None		Surveyed	Accessed	Proterra Group	27-10-17	newEST003342UNK
20 newEST003343U	NK 1 2		None		Surveyed	Accessed	Proterra Group	27-10-17	newEST003343UNK
21 newEST003344U	NK 1 1		None		Surveyed	Accessed	Proterra Group	30-10-17	newEST003344UNK
22 newEST003345U	NK 2 1		None		Surveyed	Accessed	Proterra Group	03-11-17	newEST003345UNK
23 newEST003346U	NK 3 1		Breaking	The headwall is broken in half.	Surveyed	Accessed	Proterra Group	03-11-17	newEST003346UNK
24 newEST003347U	NK 1 1		None		Surveyed	Accessed	Proterra Group	03-11-17	newEST003347UNK
25 newEST003348U	NK 5 3		Breaking	Structure is at total end of life.	Surveyed	Accessed	Proterra Group	06-11-17	newEST003348UNK
26 newEST003349U	NK 2 1		None		Surveyed	Accessed	Proterra Group	06-11-17	newEST003349UNK
27 newEST003350U	NK 2 3	:	Siltation	There is a minor silt build up at the inlet.	Surveyed	Accessed	Proterra Group	06-11-17	newEST003350UNK
28 newEST003351U	NK 2 4	:	Siltation	There is a major silt build up at the outlet.	Surveyed	Accessed	Proterra Group	06-11-17	newEST003351UNK
29 newEST003352U	NK 3 2		Breaking	There is breaking along the top of the headwall.	Surveyed	Accessed	Proterra Group	06-11-17	newEST003352UNK
30 newEST003353U	NK 2 2	(Cracking	There is minor cracking on the headwall.	Surveyed	Accessed	Proterra Group	06-11-17	newEST003353UNK
31 newEST003354U	NK 2 3	:	Surface damage	There is minor surface damage on the headwall.	Surveyed	Accessed	Proterra Group	06-11-17	newEST003354UNK
32 newEST003355U	NK 2 2	:	Surface damage	There is minor surface damage on the headwall.	Surveyed	Accessed	Proterra Group	06-11-17	newEST003355UNK
33 newEST003356U	NK 2 3		Siltation	There is minor silt / overgrowth at the outlet.	Surveyed	Accessed	Proterra Group	06-11-17	newEST003356UNK
34 newEST003357U	NK 2 2	:	Siltation	There is minor silt / overgrowth at the inlet.	Surveyed	Accessed	Proterra Group	06-11-17	newEST003357UNK
35 newEST003358U	NK 2 2		Siltation	There is minor silt / overgrowth at the outlet.	Surveyed	Accessed	Proterra Group	06-11-17	newEST003358UNK
36 newEST003359U	NK 2 1		None		Surveyed	Accessed	Proterra Group	06-11-17	newEST003359UNK
37 newEST003360U	NK 2 2		Surface damage	There is minor surface damage on the headwall.	Surveyed	Accessed	Proterra Group	06-11-17	newEST003360UNK









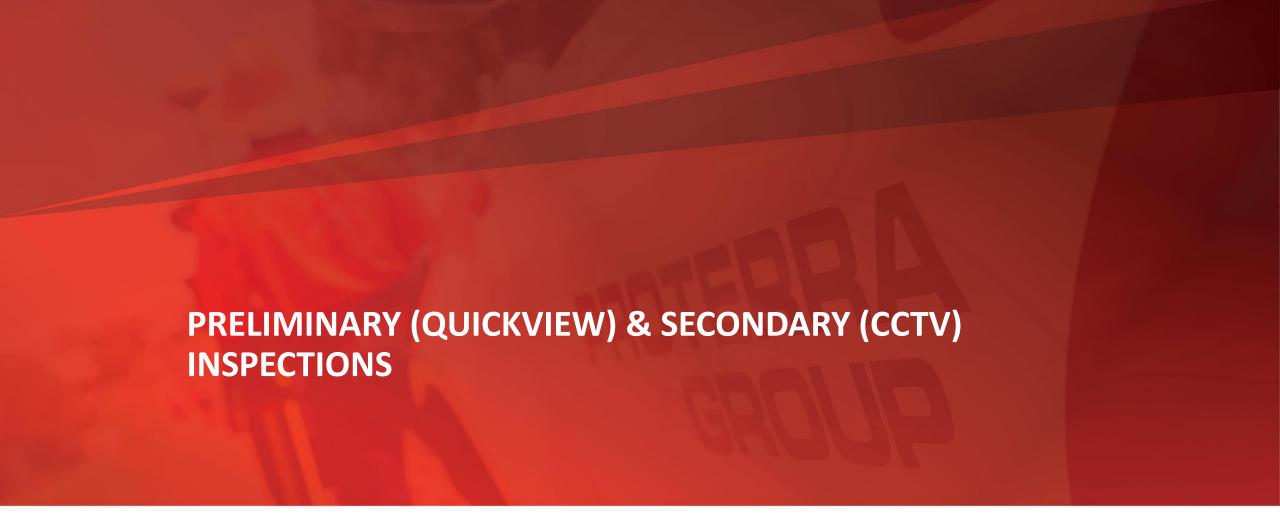












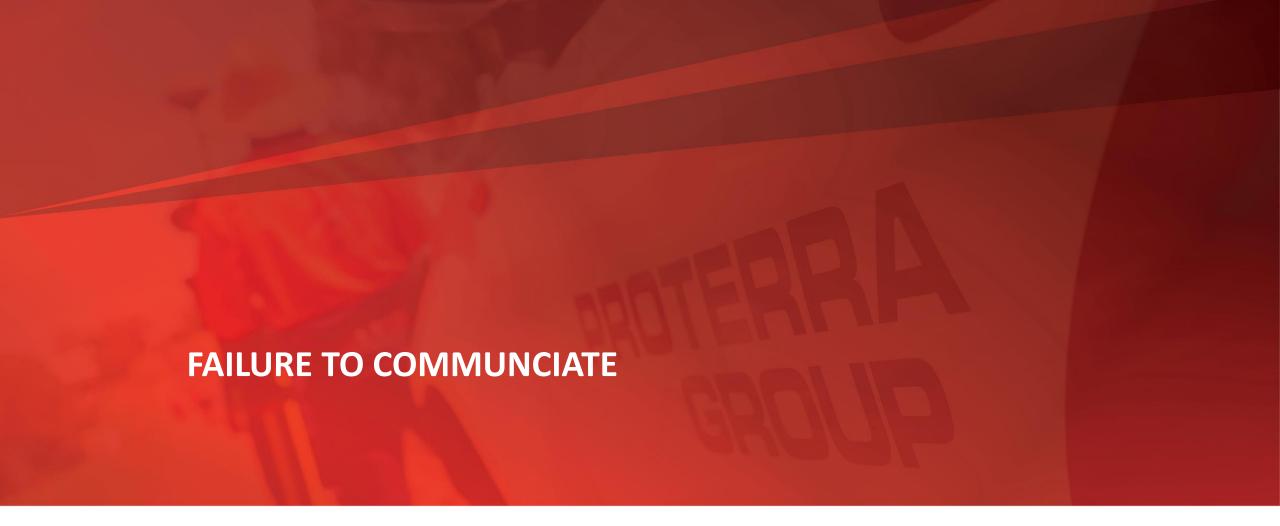


Photo: swPIP161301_12022018_123233_A.JPG
108.44m, Steel reinforcement is visible with little or no corrosion evident, Obstruction: <5%, at 12 o'clock



Photo: swPIP161304_12022018_113552_A.JPG 18.71m, Breaking, some pieces are missing, length of break 300 , from 1 to 3 o'clock







4.	DAILY PRE START
OTERRA GROUP	Project No.:
ject Name:	Date:
	4429444
 CONCERNS FROM PREVIOUS DAY: 	
Quality	
☐ Safety	
☐ Environmental	
Time	
Community 2. TODAY'S WORK: (Who, What, W	hen, Where)
 TODAY'S WORK: (Who, Who). Complete Plant & Machinery P. 	Pre-Starts
First Aiders: Evacuation Procedures:	
☐ Evacourier.	
☐ Today's Work Requirements:	
L	PPE Requirements
	PPE Requirement
Personnel job tasks	Competency
Content / Observers	Excavation Location of services
inments	Localion of the TopAV
Plant requirements	AS AS USED ONSITE TODAY
☐ Plant requirements ☐ Traffic Control Procedures	AND SAFE WORK INSTRUCTIONS TO BE USED ONSITE TODAY
☐ Plant requirements ☐ Traffic Control Procedures 3. SWMS, RISK ASSESSMENTS A	AND SAFE WORK INSTRUCTIONS TO BE USED ONSITE TODAY
Personnel die war-	AND SAFE WORK INSTRUCTIONS TO BE USED ONSITE TODAY
Personnel dre signs	AND SAFE WORK INSTRUCTIONS TO BE USED ONSITE TOWAY relevant SWMS
Personnel dre signs	AND SAFE WORK INSTRUCTIONS TO BE USED ONSITE TOWAY relevant SWMS
Plant Movement(s) Risk assessments to be ac	AND SAFE WORK INSTRUCTIONS TO BE USED ONSITE TODAY relevant SWMS ctioned:
Personnel die agree Plant Movement (s) Risk assessments to be ac	AND SAFE WORK INSTRUCTIONS TO BE USED ONSITE TODAY relevant SWMS ctioned:
Personnel die age	AND SAFE WORK INSTRUCTIONS TO BE USED ONSITE TOWAY relevant SWMS ctioned:
Personner are significant for the significant Movement (s) Plant Movement (s) Risk assessments to be accommon for the significant for the signif	AND SAFE WORK INSTRUCTIONS TO BE USED ONSITE TOWAY relevant SWMS chloned: CHANGES AFFECTING SITE PERSONNEL Safety SAFECTING SITE PERSONNEL
Personner die sig Plant Movement(s) Risk assessments to be ac Review SWMS No Review SWMS No NOTIFICATION OF ANY O	and safe work instructions to be used onsite today or relevant SWMS ctioned: CHANGES AFFECTING SITE PERSONNEL Drug & Alcohol Testing Drug & Alcohol Testing Drug & Alcohol Testing
Personnel die lig Plant Movement(s) Risk assessments to be acc Review SWMS No Review SWMS No 4. NOTIFICATION OF ANY CO	and safe work instructions to be used onsite today or relevant SWMS ctioned: CHANGES AFFECTING SITE PERSONNEL Drug & Alcohol Testing Drug & Alcohol Testing Drug & Alcohol Testing
Personnel die lig Plant Movement(s) Risk assessments to be acc Review SWMS No Review SWMS No 4. NOTIFICATION OF ANY CO	CHANGES AFFECTING SITE PERSONNEL CHANGES CONTINUE SITE PERSONNEL CHAN
Personner die sig un	CHANGES AFFECTING SITE PERSONNEL CHANGE
Personnel us by: Plant Movement(s) Risk assessments to be accepted and sevents sevents sevents sevents and sevents sev	CHANGES AFFECTING SITE PERSONNEL CHANGE
Personner are sign. Plant Movement(s) Risk assessments to be acc Review SWMS No Review SWMS No NOTIFICATION OF ANY OF Training Other sites Information S. IS THERE ANY CHANGE Be aware of all hazars Sitos, Trips & Falls	CHANGES AFFECTING SITE PERSONNEL CHANGES AFFECTING SITE PERSONNEL Drug & Alcohol Testing New Plant & Machinery WHICH COULD AFFECT THE DOCUMENTED PROCEDURES? Underground Services Environmental factors
Personnel and suggest Plant Movement(s) Risk assessments to be accepted with the suggest of the	changes affecting site personnel Change
Personnel and by: Plant Movement(s) Risk assessments to be actor of the personnel state of	CHANGES AFFECTING SITE PERSONNEL CHANGES AFFECTING SITE PERSONNEL Drug & Alcohol Testing New Plant & Machinery WHICH COULD AFFECT THE DOCUMENTED PROCEDURES? Underground Services Environmental factors Housekeeping Changed methodology
Personnel use use. Plant Movement(s) Risk assessments to be accommon acco	changes affecting site personnel CHANGE

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PG-FOR-033 p Proterra Group



PG-SWMS-001 WORKING ON OR ADJACENT TO ROAD OR RAILWAY Proterra Group Data collection on stormwater assets. INTRODUCTION

INTRODUCTION

This Safe Work Method Statement details how specific risks associated with working on or adjacent to road or railway are to be managed. It outlines the common risks and dangers associated with this work and how to best prevent them. The control measures listed in this SWMS must be implemented on site. This Safe Work Method Statement details how specific risks associated with working on or adjacent to road or railway are to be managed. It outlines associated with this work and how to best prevent them. The control measures listed in this SWMS must be implemented on site. The Key Safety messages provide a summary of the essential control measures. Southern Downs Regional Council KEY SAFETY MESSAGES

- For Main Roads must get relevant permission and approvals from Department. For Main Roads – must get relevant permission and approvals from Department.

 For private roads or access (e.g. shopping centres) seek approval from relevant authorities.

 For maior Council roads – must get permission and approval from relevant authorities. For private roads or access (e.g. shopping centres) seek approval from relevant author for major Council roads - must get permission and approval from relevant author centres and discounting sometimes are sometimes and discounting sometimes are sometimes and discounting sometimes and discounting sometimes are sometimes and discounting sometimes are sometimes and discounting sometimes and discounting sometimes are sometimes are sometimes are sometimes are sometimes and discounting sometimes are sometimes are sometimes are sometimes are sometimes are sometimes are sometimes a For major Council roads - must get permission and approval from relevor During set up and dismantling, operate flashing lights of work vehicle. During set up and dismantling, operate flashing lights of work vehicle.

 Employees or other persons working on Proteins Work vehicle.

 Prepared Traffic Management Plan must be in compliance with the MUTCD - Part 3 - 2010. Employees or other persons working on Proteira worksites, operating in low light or at night must be in compiliance with the MUTCD - Part 3 - 2010.

- For planned and responsive work contact the kallway Authority De Do not start until permission is granted from controlling authority. All work must conform to controlling outhority's guidelines.
- For planned and responsive work contact the Railway Authority before work begins within the authority's boundaries. All work must conform to controlling authority's guidelines.

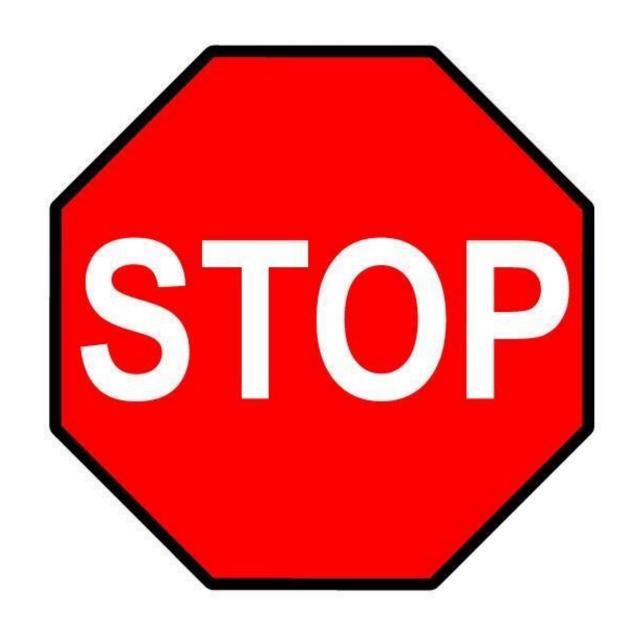
 A. No employee or other persons on Profess are permitted access to the site unless they receive a valid Trackside Safety Induction issued by

PG-FOR-034 © Proferra Group

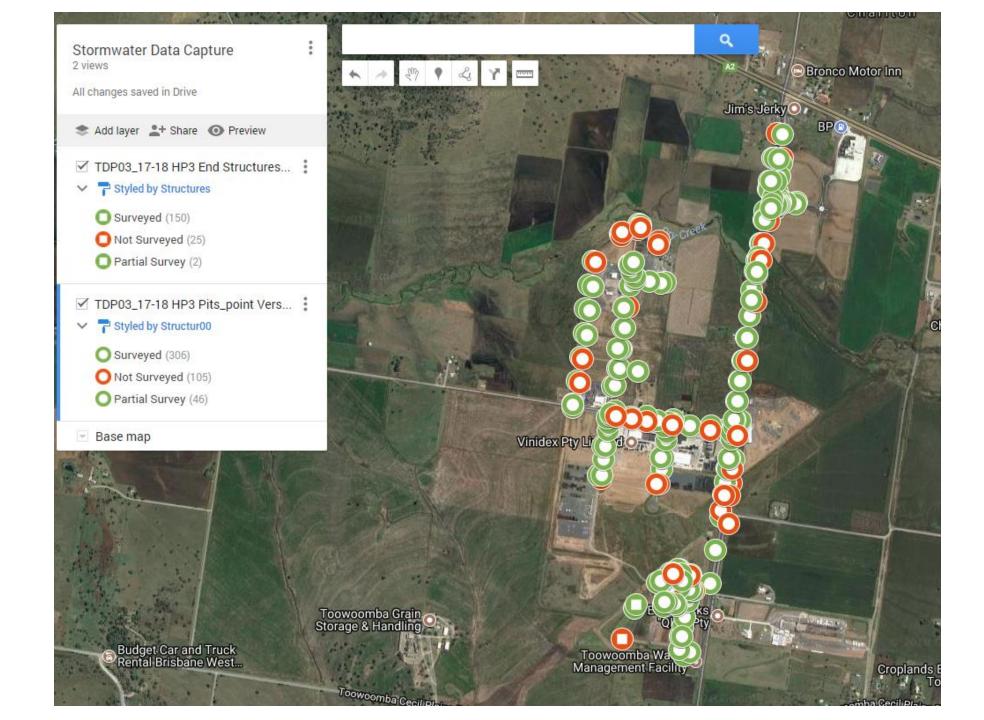
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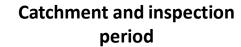
Version 1 issued 03/03/2017 Printed copies are uncontrolled

Printed on: 17/05/17 11:39 AM



It's Hold Point Data Time





Number of stormwater elements inspected

Wellcamp:

Inspection Period: 19/10/2017-NOW

Number of stormwater ele	ements inspected:		As per Technical Specification					
Туре	Accessed (Surveyed)	Accessed (Partial Survey)	Not Accessed (Not	TOTAL	Assets in Cu	rent GIS	Indicative / LIDAR	Variance
			Surveyed)					
End Structures (EST)	30	-	3	33	33		5	-5
Pits (PIT)	112	3	18	133	191		16	-74
Pipes (PIP)	143 (4397m)	10 (115m)	6 (107m)	159 (4619m)	N/A		N/A	N/A

North Connection:

Inspection Period: 24/08/2017-25/08/2017

inspection renot. 21/1	00/2017 23/00/2017		,				
Number of stormwater ele	ements inspected:		As per Technical Specification				
Туре	Accessed (Surveyed)	Accessed (Partial Survey)	Not Accessed (Not	TOTAL	Assets in Current GIS	Indicative / LIDAR	Variance
			Surveyed)				
End Structures (EST)	13	-	2	15	2	22	-7
Pits (PIT)	-	-	-	-		1	-1
Pipes (PIP)	8 (104m)	-	-	8 (104m)	N/A	N/A	N/A

Comparison of assets inspected vs Council scope



























TO THE HOUSEHOLDER:

ACCESS TO SEWER MANHOLE

Proterra Group is currently conducting sewer manhole inspe Mackay Regional Council. This inspection process enables (of their sewage network and to plan upgrades / repairs to in

We wish to advise that we will require access to the sewer m your property to conduct these inspections. Our anticipated weekdays between the 19th of January and 16th February 20

If this is not suitable, a mutually agreed time can be arrange not required to be home during this inspection.

Whilst the inspection is underway the manhole will be opene undertaken. This basically involves lifting the lid off (including gain access), conducting a visual assessment of the interior number of photos.

As a safety precaution, our staff will not leave the site whilst have a number of high visibility cones in place drawing atte

Thank you very much for your cooperation and if you have us anytime. We would be more than happy to run you throu know in detail what we will be doing:

Project Manager:

Shelley Burchett 0419 279 383

Phone:

TOOWOOMBA REGION

Rich traditions. Bold ambitions.

July - December 2017

Dear Sir / Madam

Stormwater Inspection Project

Toowoomba Regional Council (TRC) project team undertaking a comprehe network.

The information collected will assist C

Field work commenced in July 2017 a duties involve the lifting and reinstater

TRC Contractors can be clearly identif

Should you have any queries please of



TO THE HOUSEHOLDER:

ACCESS TO SEWER MANHOLE

As per our previous letter, Proterra Group is currently conducting sewer manhole inspections on behalf of the Mackay Regional Council. This inspection process enables Council to verify the condition of their sewage network and to plan upgrades / repairs to improve the service to __we could not gain access to your site due: customers.

customers.	we could not gain access to you
unfortunately, today at	
	riang Council will be in contact to organise a suitable ti

A representative from Mackay Regional Council will be in contact to organise a suitable time for inspection.

Thank you very much for your cooperation and if you have any questions please contact us anytime. We would be more than happy to run you through the process and let you know in detail what we will be doing:

shelley Burchett project Manager: 0419 279 383 phone:

ID CARDS

- Worn at all times;
- Identify Proterra Group as a Contractor for Council;
- Contain a current colour photo of the card holder;
- Are valid for a period not exceeding the contract period;
- Returned once site works are complete.

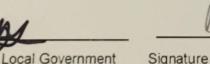




The bearer of this identity card:-

Matthew Ezzy

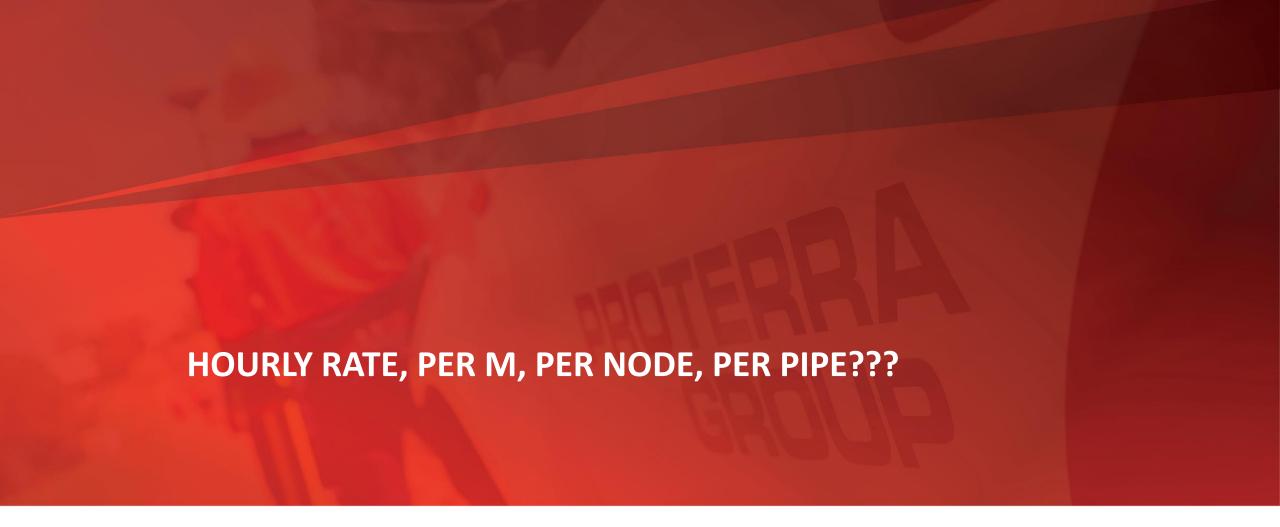
has been appointed as a Local Government Worker of Mackay Regional Council.



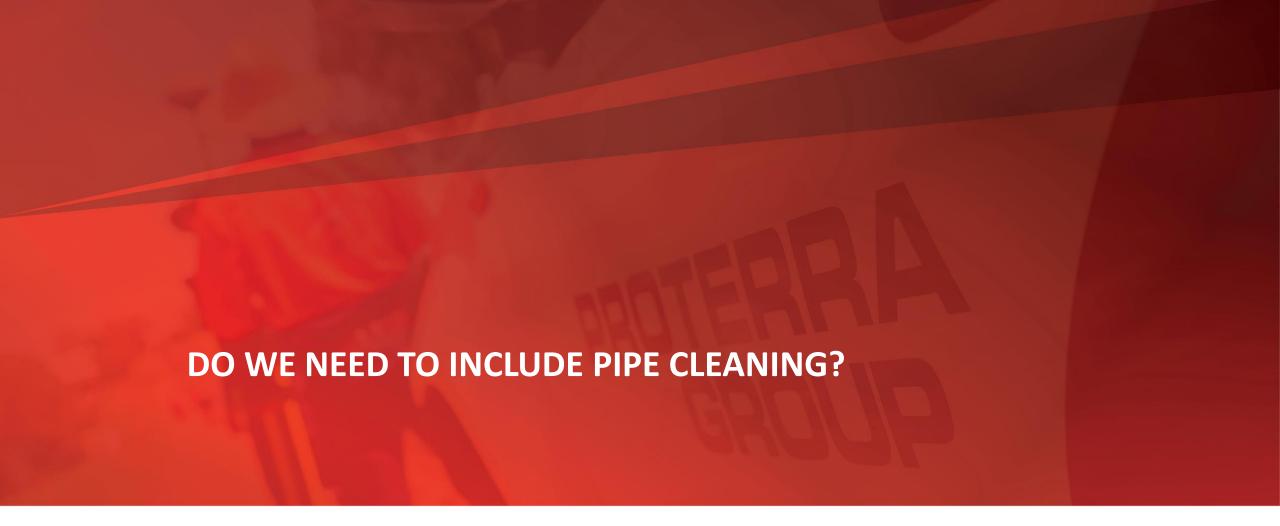
Signature of Craig Doyle, CEO, Mackay Regional Council



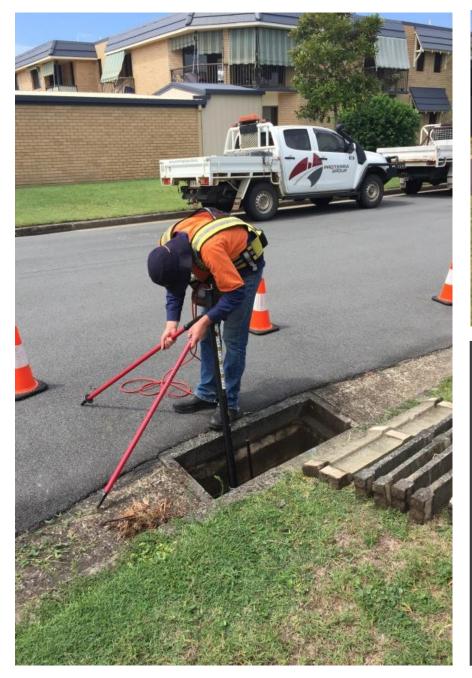
Expiry Date: 30/06/2018













TO ENGINEER, OR NOT TO ENGINEER?

WHAT ABOUT LABOURERS? ARE THEY ANY BETTER?





WE USE SPECIALIST DATA COLLECTORS AND PROTERRA PITS TRAINING PROGRAM.











Bad Weather Mobile Data Blackspots Powerlines Large dense foliage trees Old infrastructure Parked Cars Sick days A Circus





Shaping New Dimensions











HOW CAN WE HELP YOU?

- A free one hour coffee catchup to help you scope your project.
- No obligation Quotation for data collection with different options and pricing
- Example tender / contract documentation
- Share knowledge / learnings







Meet our Assets Manager:
SHELLEY BURCHETT
0419 279 383
shelley.burchett@proterragroup.com.au

Meet our Managing Director: SEAN RICE 0488 715 700 sean.rice@proterragroup.com.au