

TABLE OF CONTENTS

Pressure Management Area	Installation #	Depot	Page #
Arcon Park	PRV 21	2 - Vereeniging	35
Arcon Park	AZP 5	2 - Vereeniging	37
Bedworth Park	PRV 14	1 - Vanderbijlpark	24
Bedworth Park	PRV 15	1 - Vanderbijlpark	25
Bedworth Park	CP 2	1 - Vanderbijlpark	26
Boipatong	PRV 12A & PRV 12B	1 - Vanderbijlpark	16
Boipatong	CP 11	1 - Vanderbijlpark	19
Boitumelo	PRV 41A & PRV 41B	3 - Sebokeng	58
Boitumelo	PRV 42A & PRV 42B	3 - Sebokeng	59
Boitumelo	CP 9	3 - Sebokeng	60
Bophelong	PRV 10A & PRV 10B	1 - Vanderbijlpark	13
Bophelong	PRV 11A & PRV 11B	1 - Vanderbijlpark	14
Bophelong	CP 10	1 - Vanderbijlpark	15
Duncanville	PRV 18	2 - Vereeniging	32
Duncanville / Peacehaven	PRV 20	2 - Vereeniging	33
Duncanville / Peacehaven	AZP 4	2 - Vereeniging	34
Evaton	PRV 50A & PRV 50B	3 - Sebokeng	65
Evaton	CP 13	4 - Evaton	66
Evaton	CP 14	4 - Evaton	67
Evaton	CP 15	4 - Evaton	68
Evaton	PRV 52	4 - Evaton	69
Evaton	53A & 53B	4 - Evaton	70
Evaton	CP 16	4 - Evaton	71
Falcon Ridge	PRV 32	2 - Vereeniging	47
Falcon Ridge	PRV 33	2 - Vereeniging	48
Falcon Ridge	PRV 34	2 - Vereeniging	49
Falcon Ridge	PRV 35	2 - Vereeniging	50
Falcon Ridge	PRV 36	2 - Vereeniging	51
Falcon Ridge	PRV 37	2 - Vereeniging	52
Falcon Ridge	CP 7	2 - Vereeniging	53
Helenas Rust	PRV 31	2 - Vereeniging	46
Ironsyde	PRV 44A & PRV 44B	3 - Sebokeng	62
Ironsyde	PRV 45A & PRV 45B	3 - Sebokeng	63
Ironsyde	PRV 46A & PRV 46B	3 - Sebokeng	64
Jacobskop Cemetery	PRV 40	2 - Vereeniging	57
Kanana	PRV 43A & PRV 43B	3 - Sebokeng	61
Mantevrede	PRV 7	1 - Vanderbijlpark	9
Mantevrede	PRV 8	1 - Vanderbijlpark	10
Powerville	PRV 17A & PRV 17B	2 - Vereeniging	30
Roods Garden	CP 23	2 - Vereeniging	31
Roshnee	PRV 39	2 - Vereeniging	55

TABLE OF CONTENTS


Pressure Management Area	Installation #	Depot	Page #
Roshnee	AZP 8	2 - Vereeniging	56
Rust Ter Vaal	PRV 38	2 - Vereeniging	54
Sebokeng	PRV 51A & PRV 51B	3 - Sebokeng	72
Sebokeng	CP 17	3 - Sebokeng	73
Sebokeng	CP 18	3 - Sebokeng	74
Sebokeng	PRV 54	3 - Sebokeng	75
Sebokeng	CP 19	3 - Sebokeng	76
Sharpville	PRV 9A & PRV 9B	1 - Vanderbijlpark	11
Sharpville	CP 1	1 - Vanderbijlpark	12
Sonland Park	PRV 27	2 - Vereeniging	41
Sonland Park	PRV 28	2 - Vereeniging	42
Sonland Park	PRV 29	2 - Vereeniging	43
Sonland Park	PRV 30	2 - Vereeniging	44
Sonland Park	CP 6	2 - Vereeniging	45
Steel Park	PRV 26	2 - Vereeniging	40
Three Rivers East	PRV 55A & PRV 55B	2 - Vereeniging	38
Three Rivers East	CP 20	2 - Vereeniging	39
Tshepiso	PRV 13A & PRV 13B	1 - Vanderbijlpark	20
Tshepiso	CP 12	1 - Vanderbijlpark	21
Van Der Merwes Kroon	PRV 47	2 - Vereeniging	36
Vanderbijlpark 18 MI Reservoirs	CP 21	1 - Vanderbijlpark	17
Vanderbijlpark 27 MI Reservoirs	CP 22	1 - Vanderbijlpark	18
Vanderbijlpark C. E. 6	PRV 48	1 - Vanderbijlpark	22
Vanderbijlpark C. E. 6	PRV 49	1 - Vanderbijlpark	23
Vanderbijlpark S. E. 3	PRV 1	1 - Vanderbijlpark	3
Vanderbijlpark S. E. 3	PRV 2	1 - Vanderbijlpark	4
Vanderbijlpark S. E. 3	PRV 3	1 - Vanderbijlpark	5
Vanderbijlpark S. E. 3	PRV 4	1 - Vanderbijlpark	6
Vanderbijlpark S. E. 3	PRV 5	1 - Vanderbijlpark	7
Vanderbijlpark S. W. 5	PRV 6	1 - Vanderbijlpark	8
Vereeniging CBD	PRV 16	2 - Vereeniging	27
Vereeniging CBD	PRV 19	2 - Vereeniging	28
Vereeniging CBD	CP 3	2 - Vereeniging	29

PROPOSED PRV SETTINGS

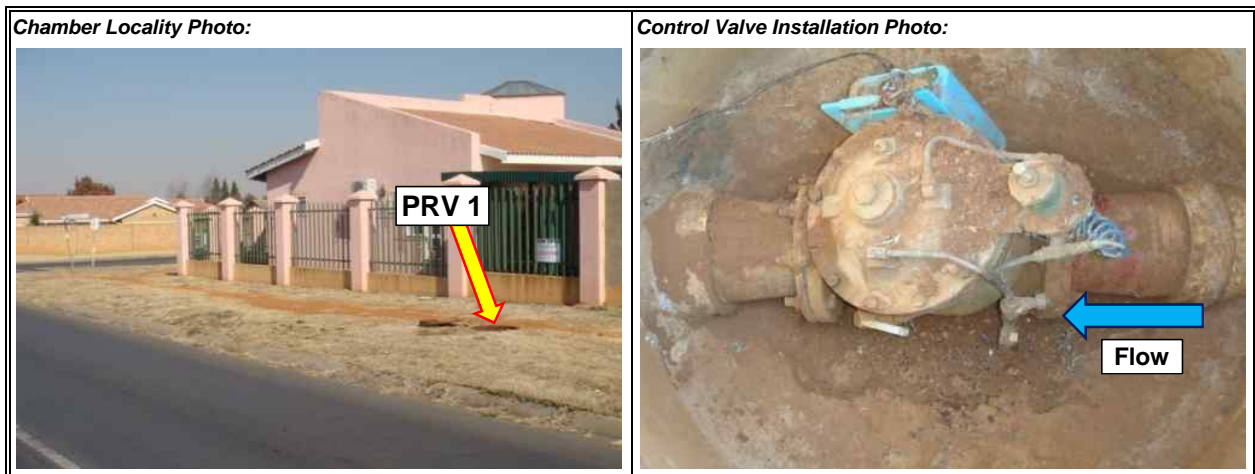
Pressure Management Area	Installation #	Static Upstream Pressure (m)	Fixed Outlet (m)	Controller Low Setting (m)
Arcon Park	PRV 21	78	50	40
Bedworth Park	PRV 14	-	30	20
Bedworth Park	PRV 15	-	42	32
Boipatong	PRV 12A	29	20	10
Boipatong	PRV 12B	29	10	-
Boitumelo	PRV 41A	30	20	-
Boitumelo	PRV 41B	30	10	-
Boitumelo	PRV 42A	36	26	-
Boitumelo	PRV 42B	39	16	-
Bophelong	PRV 10A	42	27	17
Bophelong	PRV 10B	42	17	-
Bophelong	PRV 11A	40	25	15
Bophelong	PRV 11B	40	15	-
Leeuhof / Duncanville	PRV 18	-	50	40
Duncanville / Peacehaven	PRV 20	78	60	50
Evaton	PRV 50A	65	40	20
Evaton	PRV 50B	65	40	20
Evaton	PRV 52	29	24	-
Evaton	PRV 53A	-	-	-
Evaton	PRV 53B	-	-	-
Falcon Ridge	PRV 32	-	-	-
Falcon Ridge	PRV 33	-	38	-
Falcon Ridge	PRV 34	-	34	-
Falcon Ridge	PRV 35	-	31	-
Falcon Ridge	PRV 36	-	30	-
Falcon Ridge	PRV 37	-	30	-
Helenas Rust	PRV 31	-	12	-
Ironsyde	PRV 44A	-	35	-
Ironsyde	PRV 44B	-	25	-
Ironsyde	PRV 45A	-	35	-
Ironsyde	PRV 45B	-	25	-
Ironsyde	PRV 46A	-	44	-
Ironsyde	PRV 46B	-	34	-
Jacobskop Cemetry	PRV 40	105	46	-
Kanana	PRV 43A	-	30	-
Kanana	PRV 43B	-	20	-
Mantevrede	PRV 7	67	32	-
Mantevrede	PRV 8	65	30	-
Powerville	PRV 17A	-	45	35
Powerville	PRV 17B	-	-	-
Roshnee	PRV 39	90	48	-
Rust Ter Vaal	PRV 38	90	38	-
Sebokeng	PRV 51A	65	35	25

PROPOSED PRV SETTINGS


Pressure Management Area	Installation #	Static Upstream Pressure (m)	Fixed Outlet (m)	Controller Low Setting (m)
Sebokeng	PRV 51B	65	35	25
Sebokeng	PRV 54	-	20	-
Sharpville	PRV 9A	108	70	60
Sharpville	PRV 9B	108	70	60
Sonland Park	PRV 27	-	51	-
Sonland Park	PRV 28	-	48	-
Sonland Park	PRV 29	115	43	-
Sonland Park	PRV 30	-	40	-
Steel Park	PRV 26	-	40	-
Three Rivers East	PRV 55A	-	-	-
Three Rivers East	PRV 55B	-	-	-
Tshepiso	PRV 13A	42	20	10
Tshepiso	PRV 13B	42	10	-
Van Der Merwes Kroon	PRV 47	-	50	40
Vanderbijlpark C. E. 6	PRV 48	-	63	-
Vanderbijlpark C. E. 6	PRV 49	-	60	-
Vanderbijlpark S. E. 3	PRV 1	78	33	-
Vanderbijlpark S. E. 3	PRV 2	75	30	-
Vanderbijlpark S. E. 3	PRV 3	75	30	-
Vanderbijlpark S. E. 3	PRV 4	78	33	-
Vanderbijlpark S. E. 3	PRV 5	75	30	-
Vanderbijlpark S. W. 5	PRV 6	67	38	-
Vereeniging CBD	PRV 16	113	47	-
Vereeniging CBD	PRV 19	109	40	-

 <p style="font-size: small;">A Miya Group Company</p>		Control Valve Reference Number: 1	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 1 - Vanderbijlpark	Zone:	Pressure Management Area: Vanderbijlpark S.E. 3	
Inspection Date: 2009/07/17	Street Address: Louis Trichardt Blvd cnr Beefwood Rd		
GPS Co-ordinates (dd,dddd°)	South: 26.73755	East: 27.85485	Elevation (m amsl): 1450

Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	1	None	PMAC ID:	None	None
Make:	Bermad	None	Controller High Setting (m):	None	None
Size: (mm):	150	None	Controller High Time:	None	None
Static Upstream Pressure (m):	78	None	Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	33	None	Controller Low Time:	None	None




- Comments / Recommendations:**
- 1) Retrofit existing control circuit to standard pilot pipework installation.
 - 2) Install a concrete marker next to PRV chamber.
 - 3) Clean out chamber and remove old logger.
 - 4) Set PRV fixed outlet pressure to 33m.

 <p>WRP A Miya Group Company</p>		Control Valve Reference Number: 2	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 1 - Vanderbijlpark	Zone:	Pressure Management Area: Vanderbijlpark S.E. 3	
Inspection Date: 2009/07/17	Street Address: Karee St cnr Beefwood Rd		
GPS Co-ordinates (dd, dddd°)	South: 26.73779	East: 27.84919	Elevation (m amsl): 1453


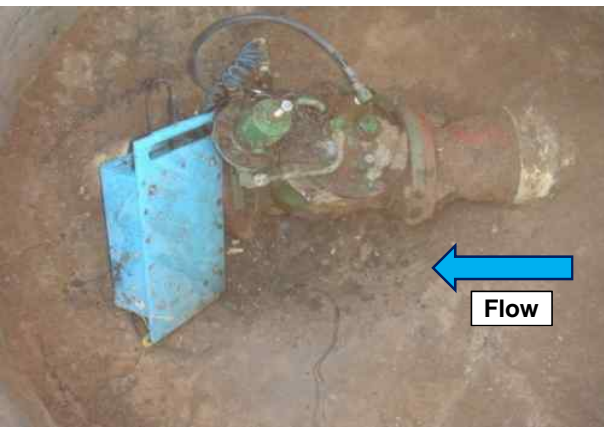
Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	2	None	PMAC ID:	None	None
Make:	Bermad	None	Controller High Setting (m):	None	None
Size: (mm):	150	None	Controller High Time:	None	None
Static Upstream Pressure (m):	75	None	Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	30	None	Controller Low Time:	None	None



- Comments / Recommendations:**
- 1) Retrofit existing control circuit to standard pilot pipework installation.
 - 2) Install a concrete marker next to PRV chamber.
 - 3) Clean out chamber and remove old logger.
 - 4) Set PRV fixed outlet pressure to 30m.


 <p style="font-size: small;">A Miya Group Company</p>		Control Valve Reference Number: 3	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 1 - Vanderbijlpark	Zone:	Pressure Management Area: Vanderbijlpark S.E. 3	
Inspection Date: 2009/07/17	Street Address: Fir St cnr Beefwood Rd		
GPS Co-ordinates (dd,dddd°)	South: 26.73797	East: 27.84765	Elevation (m amsl): 1453

Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	3	None	PMAC ID:	None	None
Make:	Bermad	None	Controller High Setting (m):	None	None
Size: (mm):	100	None	Controller High Time:	None	None
Static Upstream Pressure (m):	75	None	Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	30	None	Controller Low Time:	None	None

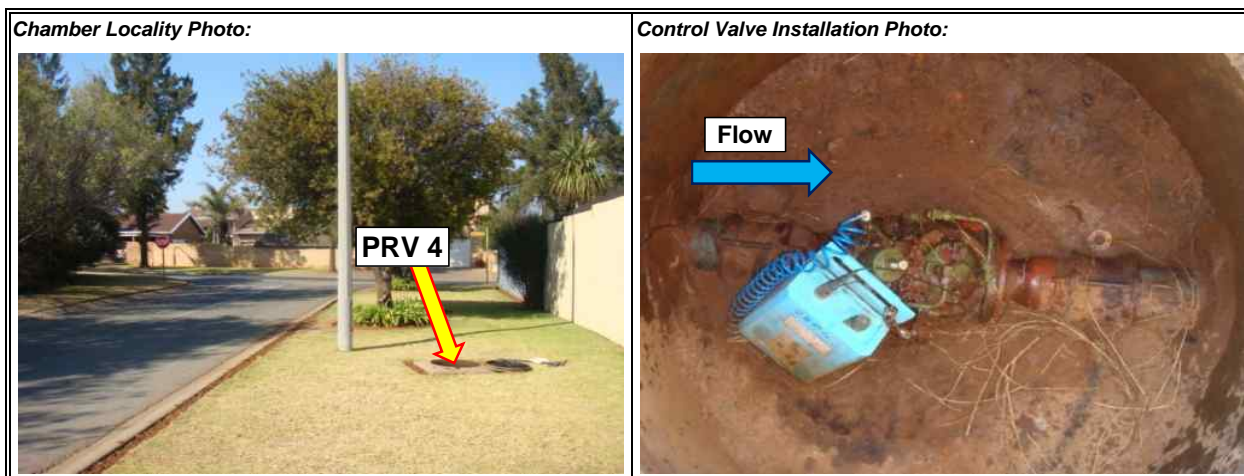
<p>Chamber Locality Photo:</p> 	<p>Control Valve Installation Photo:</p> 
--	---

<p>Locality Map for Installation:</p> 	<p>Installation Position in Reticulation Network:</p> 
--	--


- Comments / Recommendations:**
- 1) Retrofit existing control circuit to standard pilot pipework installation.
 - 2) Install a concrete marker next to PRV chamber.
 - 3) Clean out chamber and remove old logger.
 - 4) Set PRV fixed outlet pressure to 30m.

 <p style="font-size: small;">A Miya Group Company</p>		Control Valve Reference Number: 4	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 1 - Vanderbijlpark	Zone:	Pressure Management Area: Vanderbijlpark S.E. 3	
Inspection Date: 2009/07/17	Street Address: Fir St cnr Beefwood Rd		
GPS Co-ordinates (dd, dddd°)	South: 26.73828	East: 27.84549	Elevation (m amsl): 1450

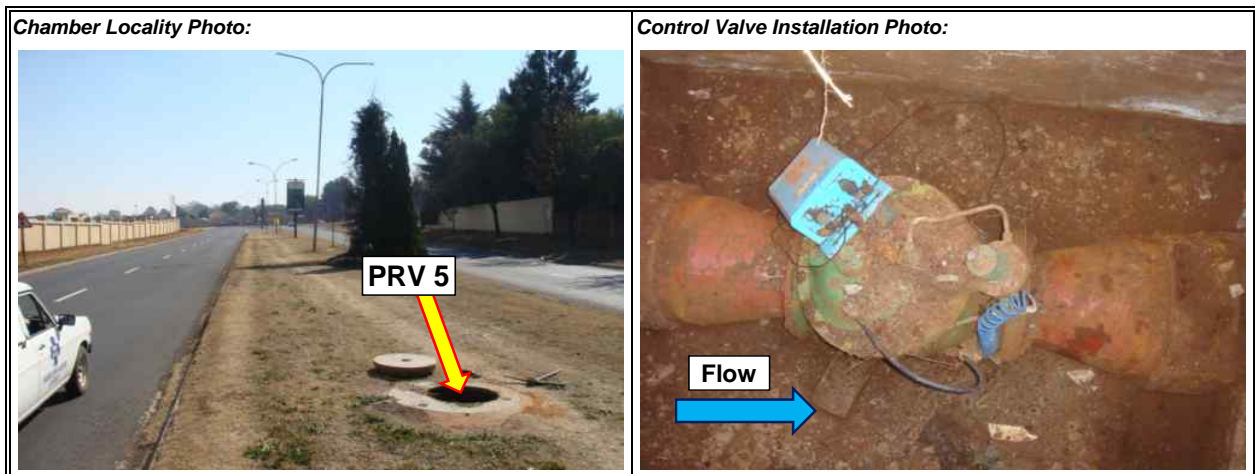
Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	4	None	PMAC ID:	None	None
Make:	Bermad	None	Controller High Setting (m):	None	None
Size: (mm):	75	None	Controller High Time:	None	None
Static Upstream Pressure (m):	78	None	Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	33	None	Controller Low Time:	None	None




- Comments / Recommendations:**
- 1) Retrofit existing control circuit to standard pilot pipework installation.
 - 2) Install a concrete marker next to PRV chamber.
 - 3) Clean out chamber and remove old logger.
 - 4) Set PRV fixed outlet pressure to 33m.

 <p>WRP A Miya Group Company</p>		Control Valve Reference Number: 5	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 1 - Vanderbijlpark	Zone:	Pressure Management Area: Vanderbijlpark S.E. 3	
Inspection Date: 2009/07/17	Street Address: Frikkie Meyer Blvd cnr Hendrik van Eck Blvd		
GPS Co-ordinates (dd, dddd°)	South: 26.73600	East: 27.84311	Elevation (m amsl): 1453

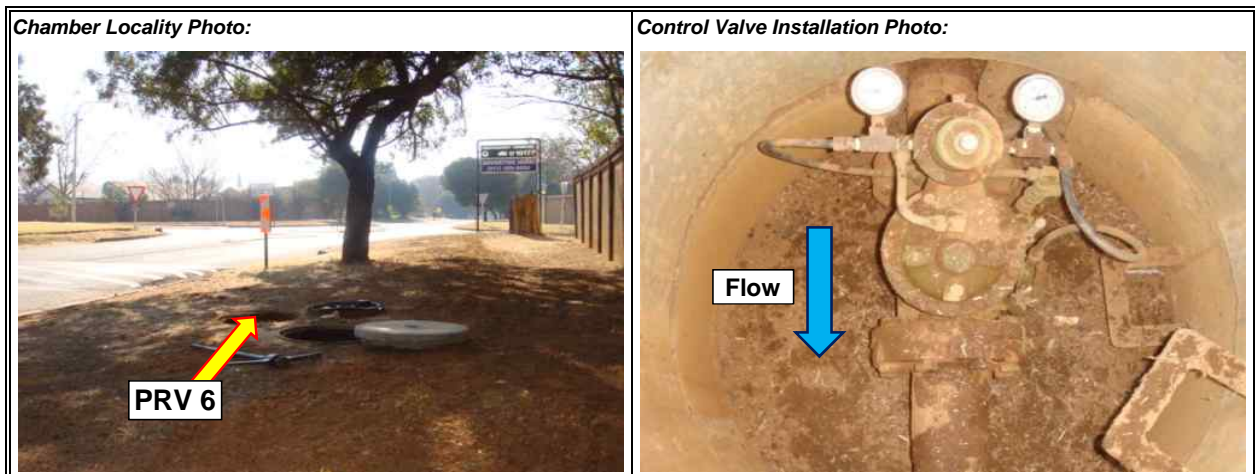
Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	5	None	PMAC ID:	None	None
Make:	Bermad	None	Controller High Setting (m):	None	None
Size: (mm):	200	None	Controller High Time:	None	None
Static Upstream Pressure (m):	75	None	Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	30	None	Controller Low Time:	None	None




- Comments / Recommendations:**
- 1) Retrofit existing control circuit to standard pilot pipework installation.
 - 2) Install a concrete marker next to PRV chamber.
 - 3) Clean out chamber and remove old logger.
 - 4) Set PRV fixed outlet pressure to 30m.

 <p>WRP A Miya Group Company</p>		Control Valve Reference Number: 6	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 1 - Vanderbijlpark	Zone:	Pressure Management Area: Vanderbijlpark S.W. 5	
Inspection Date: 2009/07/17	Street Address: Chopin St cnr Beethoven St		
GPS Co-ordinates (dd, dddd°)	South: 26.73964	East: 27.82655	Elevation (m amsl): 1461

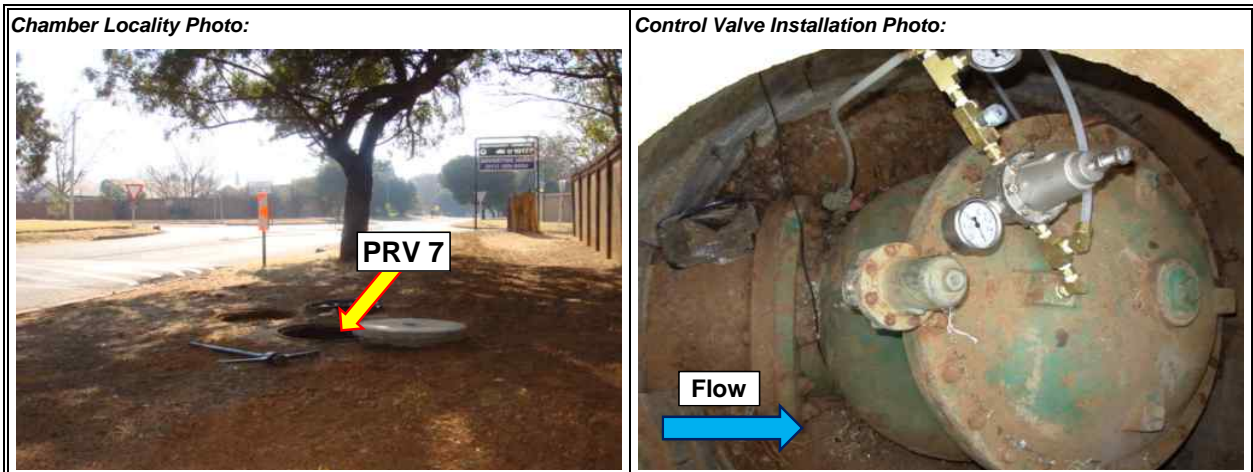
Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	6	None	PMAC ID:	None	None
Make:	Bermad	None	Controller High Setting (m):	None	None
Size: (mm):	75	None	Controller High Time:	None	None
Static Upstream Pressure (m):	67	None	Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	38	None	Controller Low Time:	None	None




- Comments / Recommendations:**
- 1) Install a concrete marker next to PRV chamber.
 - 2) Clean out chamber and remove old logger.
 - 3) Install additional concrete ring.
 - 4) Set PRV fixed outlet pressure to 38m.

 <p>WRP A Miya Group Company</p>		Control Valve Reference Number: 7	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 1 - Vanderbijlpark	Zone:	Pressure Management Area: Mantervrede	
Inspection Date: 2009/07/17	Street Address: Chopin St cnr Beethoven St		
GPS Co-ordinates (dd,dddd°)	South: 26.73967	East: 27.82660	Elevation (m amsl): 1461

Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	7	None	PMAC ID:	None	None
Make:	Bermad	None	Controller High Setting (m):	None	None
Size: (mm):	300	None	Controller High Time:	None	None
Static Upstream Pressure (m):	67	None	Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	32	None	Controller Low Time:	None	None




- Comments / Recommendations:**
- 1) Install a concrete marker next to PRV chamber.
 - 2) Construct bigger chamber around PRV installation.
 - 3) Set PRV fixed outlet pressure to 32m.

 <p>WRP A Miya Group Company</p>		Control Valve Reference Number: 8	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 1 - Vanderbijlpark	Zone:	Pressure Management Area: Mantervrede	
Inspection Date: 2009/07/17	Street Address: Vaal Drive cnr Abraham Rd		
GPS Co-ordinates (dd,dddd°)	South: 26.74174	East: 27.82000	Elevation (m amsl): 1463

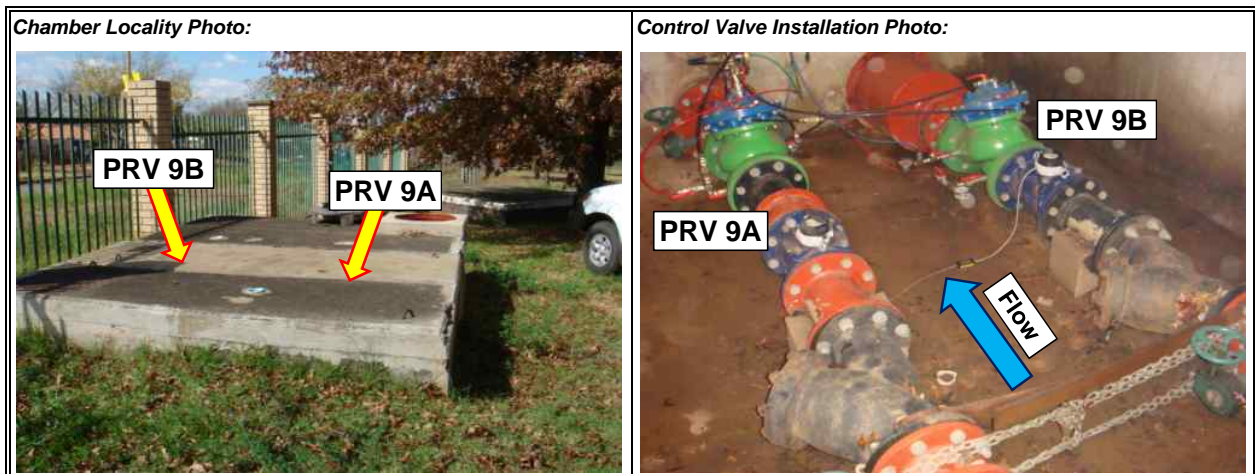
Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	8	None	PMAC ID:	None	None
Make:	Bermad	None	Controller High Setting (m):	None	None
Size: (mm):	75	None	Controller High Time:	None	None
Static Upstream Pressure (m):	65	None	Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	30	None	Controller Low Time:	None	None



- Comments / Recommendations:**
- 1) Install a concrete marker next to PRV chamber.
 - 2) Install concrete rings properly.
 - 3) Repair leak in chamber.
 - 4) Install pilot with pilot pipework and commission PRV with fixed outlet pressure of 30m.


 <p style="font-size: small;">A Miya Group Company</p>		Control Valve Reference Number: 9A & 9B	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 1 - Vanderbijlpark	Zone:	Pressure Management Area: Sharpville	
Inspection Date: 2009/05/07	Street Address: Vaal Triangle Technicon Grounds at RW 2031 connection		
GPS Co-ordinates (dd, dddd°)	South: 26.71125	East: 27.86428	Elevation (m amsl): 1460

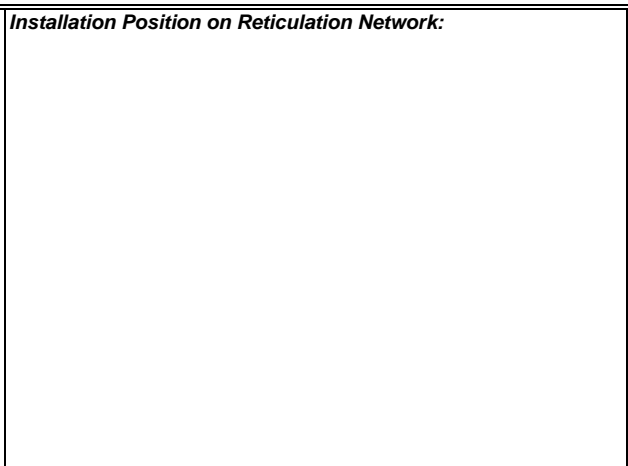
Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	9A	9B	PMAC ID:	3515	3515
Make:	Bermad	Bermad	Controller High Setting (m):	70	70
Size: (mm):	150	150	Controller High Time:	06:00	06:00
Static Upstream Pressure (m):	108	108	Controller Low Setting (m):	60	60
Downstream Pressure Setting (m):	66	66	Controller Low Time:	22:00	22:00



Comments / Recommendations:


- 1) Investigate if controller is needed, as installation supplies to the commissioned Tower.
- 2) If controller is redundant, adjust to fixed outlet pressure to supply to Tower.

		Critical Point Reference Number: 1	
CRITICAL PRESSURE POINT INSTALLATION DETAILS			
Depot:	1 - Vanderbijlpark	Zone:	Sharpville
Inspection Date:	2009/09/17	Street Address:	Ntohlay Ave cnr Ntuhla Dr, inside church yard on fire hydrant
GPS Co-ordinates (dd, dddd°)	South: 26,69883	East: 27,86718	Elevation (m amsl): 1473
Critical Point Logger Details:		Critical Point Pressures:	
Logger Type:	Technolog, Cello	Minimum Pressure at Critical Point (m):	18
PMAC ID:	3012	Maximum Pressure at Critical Point (m):	29

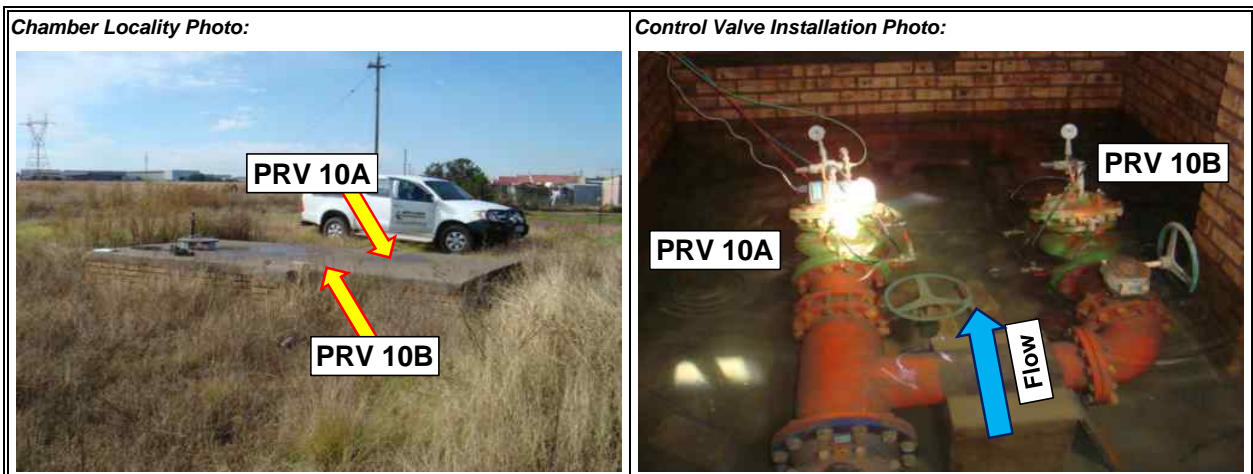


Comments / Recommendations:


1) Install saddle and meter box next to fire hydrant and move logger onto saddle to free up fire hydrant.

 <p style="font-size: small;">A Miya Group Company</p>		Control Valve Reference Number: 10A & 10B	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 1 - Vanderbijlpark	Zone:	Pressure Management Area: Bophelong North	
Inspection Date: 2009/07/09	Street Address: In open field between Delfos Blvd and Mary Metcalf St		
GPS Co-ordinates (dd, dddd°)	South: 26.67951	East: 27.79028	Elevation (m amsl): 1486

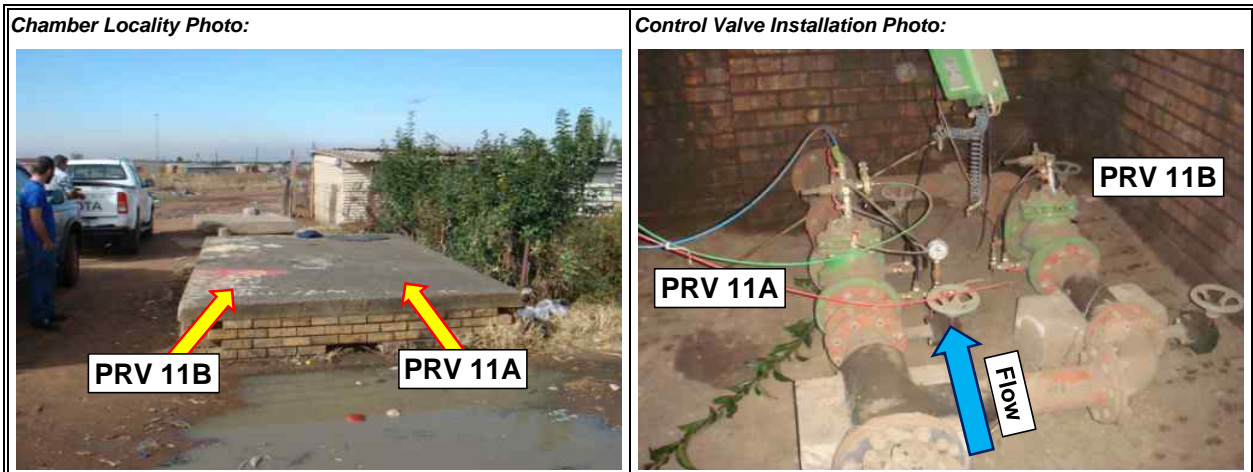
Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	10A	10B	PMAC ID:	3503	None
Make:	Bermad	Bermad	Controller High Setting (m):	27	None
Size: (mm):	200	200	Controller High Time:	05:00	None
Static Upstream Pressure (m):	42	42	Controller Low Setting (m):	17	None
Downstream Pressure Setting (m):	27	17	Controller Low Time:	22:00	None



- Comments / Recommendations:**
- 1) The by-pass isolating valve is isolated. If by-pass is opened ensure PRV is set to 17m fixed outlet pressure.
 - 2) The chamber is constantly flooded. Search for leak and repair leak.
 - 3) Meter is noisy. Could have a broken vain or obstruction. Open meter and remove any obstructions.
 - 4) Controls of controller is currently disabled as PRV is not reducing pressure.


 <p>WRP A Miya Group Company</p>		Control Valve Reference Number: 11A & 11B	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 1 - Vanderbijlpark	Zone:	Pressure Management Area: Bophelong South	
Inspection Date: 2009/07/09	Street Address: Closest streets: Cilliers St & Thema St		
GPS Co-ordinates (dd, dddd°)	South: 26.69555	East: 27.80320	Elevation (m amsl): 1488

Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	11A	11B	PMAC ID:	3504	None
Make:	Bermad	Bermad	Controller High Setting (m):	25	None
Size: (mm):	100	100	Controller High Time:	05:00	None
Static Upstream Pressure (m):	40	40	Controller Low Setting (m):	15	None
Downstream Pressure Setting (m):	25	15	Controller Low Time:	22:00	None




Comments / Recommendations:

- 1) The by-pass isolating valve is isolated. If by-pass is opened ensure PRV is set to 15m fixed outlet pressure.
- 2) Controls of controller is currently disabled as PRV is not reducing pressure.

		Critical Point Reference Number: 10	
CRITICAL PRESSURE POINT INSTALLATION DETAILS			
Depot:	1 - Vanderbijlpark	Zone:	Bophelong
Inspection Date:	2009/07/09	Street Address:	Stand 5845, Closest Street: Curie Blvd
GPS Co-ordinates (dd, dddd°)	South: 26.68911	East: 27.79847	Elevation (m amsl): 1493
Critical Point Logger Details:		Critical Point Pressures:	
Logger Type:	Technolog, Cello	Minimum Pressure at Critical Point (m):	10
PMAC ID:	3018	Maximum Pressure at Critical Point (m):	20




<p>Comments / Recommendations:</p> <p>1) Install saddle and meter box next to fire hydrant and move logger onto saddle to free up fire hydrant.</p> <p>2) Logger was removed by fire brigade during maintenance on the fire hydrants. Logger needs to be collected and installed again.</p>

 <p>WRP A Miya Group Company</p>		Critical Point Reference Number: 21			
		CRITICAL PRESSURE POINT INSTALLATION DETAILS			
Depot:	1 - Vanderbijlpark	Zone:		Pressure Management Area:	VDBL 18 MI Res Level
Inspection Date:		Street Address:	Vanderbijlpark Reservoir Site		
GPS Co-ordinates (dd, dddd°)		South:	East:	TWL (m amsl):	1524
Critical Point Logger Details:			Critical Point Pressures:		
Logger Type:	Technolog, Cello		Minimum Pressure at Critical Point (m):		
PMAC ID:	3023		Maximum Pressure at Critical Point (m):		

<p>Locality Photo:</p> 	<p>Installation Photo:</p> 
--	---

<p>Locality Map for Installation:</p> 	<p>Installation Position on Reticulation Network:</p> 
--	---


Comments / Recommendations:

 <p>WRP A Miya Group Company</p>		Critical Point Reference Number: 22	
		CRITICAL PRESSURE POINT INSTALLATION DETAILS	
Depot: 1 - Vanderbijlpark		Zone:	
Pressure Management Area: VDBL 27 MI Res Level			
Inspection Date:		Street Address: Vanderbijlpark Reservoir Site	
GPS Co-ordinates (dd, dddd°)		TWL (m amsl): 1528	
South:		East:	
Critical Point Logger Details:		Critical Point Pressures:	
Logger Type:	Technolog, Cello	Minimum Pressure at Critical Point (m):	
PMAC ID:	3022	Maximum Pressure at Critical Point (m):	

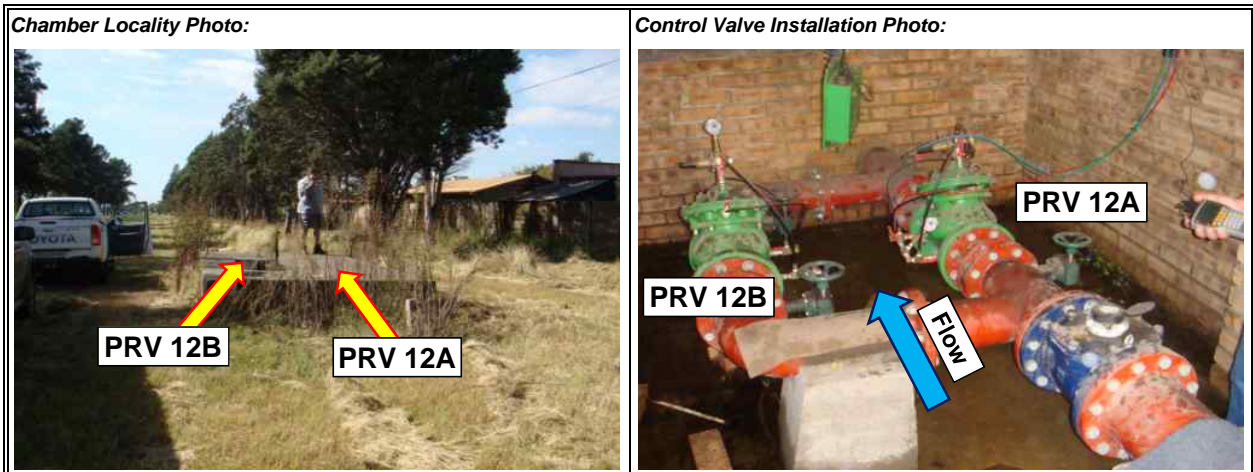
Locality Photo: 	Installation Photo: 
--	---

Locality Map for Installation: 	Installation Position on Reticulation Network:
--	---


Comments / Recommendations:

 <p style="font-size: small;">A Miya Group Company</p>		Control Valve Reference Number: 12A & 12B	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 1 - Vanderbijlpark	Zone:	Pressure Management Area: Boipatong	
Inspection Date: 2009/07/09	Street Address: Delfos Blvd cnr Frikkie Meyer Blvd		
GPS Co-ordinates (dd, dddd°)	South: 26.67427	East: 27.83448	Elevation (m amsl): 1495

Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	12A	12B	PMAC ID:	3502	None
Make:	Bermad	Bermad	Controller High Setting (m):	20	None
Size: (mm):	150	150	Controller High Time:	05:00	None
Static Upstream Pressure (m):	29	29	Controller Low Setting (m):	10	None
Downstream Pressure Setting (m):	20	10	Controller Low Time:	22:00	None




- Comments / Recommendations:**
- 1) Chamber is partially flooded. Repair leak and clean out chamber.
 - 2) The by-pass isolating valve is isolated. If by-pass is opened ensure PRV is set to 10m fixed outlet pressure.
 - 3) Controls of controller is currently disabled as PRV is not reducing pressure. Upstream pressure is equal to downstream pressure.

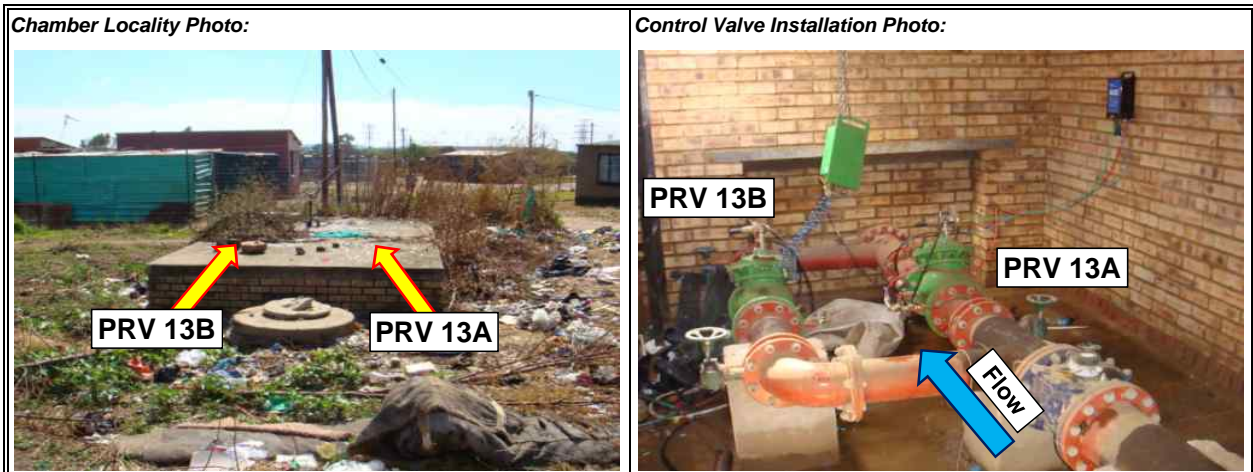
		Critical Point Reference Number: 11	
CRITICAL PRESSURE POINT INSTALLATION DETAILS			
Depot:	1 - Vanderbijlpark	Zone:	Boipatong
Inspection Date:	2009/09/30	Street Address:	Stand 3021 in Boikgutso Rd
GPS Co-ordinates (dd,dddd°)	South: 26.66081	East: 27.84604	Elevation (m amsl): 1485
Critical Point Logger Details:		Critical Point Pressures:	
Logger Type:	Technolog, Cello	Minimum Pressure at Critical Point (m):	20
PMAC ID:	3017	Maximum Pressure at Critical Point (m):	30



Comments / Recommendations:


 <p style="font-size: small;">A Miya Group Company</p>		Control Valve Reference Number: 13A & 13B	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 1 - Vanderbijlpark	Zone:	Pressure Management Area: Tshepiso	
Inspection Date: 2009/07/09	Street Address: Close to Boipatong Cemetry		
GPS Co-ordinates (dd,dddd°)	South: 26.68021	East: 27.85182	Elevation (m amsl): 1482

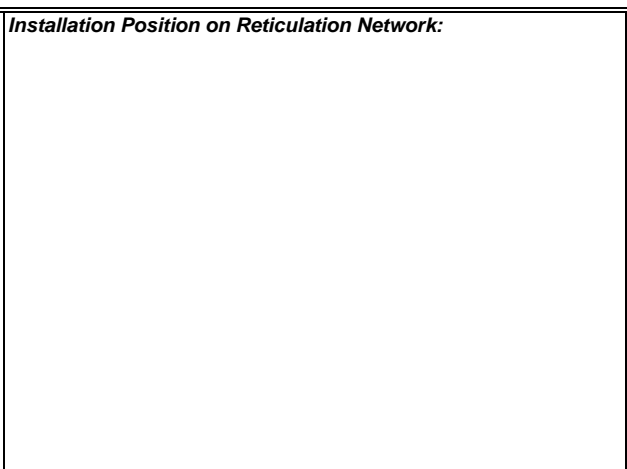
Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	13A	13B	PMAC ID:	3501	None
Make:	Bermad	Bermad	Controller High Setting (m):	20	None
Size: (mm):	150	150	Controller High Time:	05:00	None
Static Upstream Pressure (m):	42	42	Controller Low Setting (m):	10	None
Downstream Pressure Setting (m):	20	10	Controller Low Time:	10:00	None




Comments / Recommendations:

- 1) The by-pass isolating valve is closed. If by-pass is opened ensure PRV is set to 10m fixed outlet pressure.
- 2) Controls of controller is currently disabled as zone is not discrete.

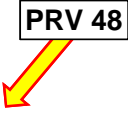
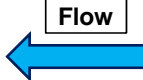
		Critical Point Reference Number: 12	
CRITICAL PRESSURE POINT INSTALLATION DETAILS			
Depot:	1 - Vanderbijlpark	Zone:	Tshepiso
Inspection Date:	2009/09/30	Street Address:	Tshepiso Extension 3, Stand 5670
GPS Co-ordinates (dd, dddd°)	South: 26.65281	East: 27.87744	Elevation (m amsl): 1470
Critical Point Logger Details:		Critical Point Pressures:	
Logger Type:	Technolog, Cello	Minimum Pressure at Critical Point (m):	22
PMAC ID:	3011	Maximum Pressure at Critical Point (m):	32



Comments / Recommendations:


 <p style="font-size: small;">A Miya Group Company</p>		Control Valve Reference Number: 48	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 1 - Vanderbijlpark	Zone:	Pressure Management Area: Vanderbijlpark C. E. 6	
Inspection Date: 2009/07/29	Street Address: Barrage Rd cnr Andries Potgieter Blvd		
GPS Co-ordinates (dd, dddd°)	South: 26.70758	East: 27.85784	Elevation (m amsl): 1474

Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	48	None	PMAC ID:	None	None
Make:	Bermad	None	Controller High Setting (m):	None	None
Size: (mm):	250	None	Controller High Time:	None	None
Static Upstream Pressure (m):		None	Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	63	None	Controller Low Time:	None	None



<p>Chamber Locality Photo:</p> 	<p>Control Valve Installation Photo:</p> 
---	---

<p>Locality Map for Installation:</p> 	<p>Installation Position in Reticulation Network:</p> 
--	--

Comments / Recommendations:
1) Chamber is very small and full of dirt. Investigate to construct bigger chamber to gain access to the PRV.

		Control Valve Reference Number: 49	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 1 - Vanderbijlpark	Zone:	Pressure Management Area: Vanderbijlpark C. E. 6	
Inspection Date: 2009/07/29	Street Address: Barrage Rd cnr Louis Trichardt Blvd		
GPS Co-ordinates (dd, dddd°)	South: 26.70762	East: 27.85248	Elevation (m amsl): 1477


Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	49	None	PMAC ID:	None	None
Make:	Bermad	None	Controller High Setting (m):	None	None
Size: (mm):	250	None	Controller High Time:	None	None
Static Upstream Pressure (m):		None	Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	60	None	Controller Low Time:	None	None

<p>Chamber Locality Photo:</p> 	<p>Control Valve Installation Photo:</p> 
--	---

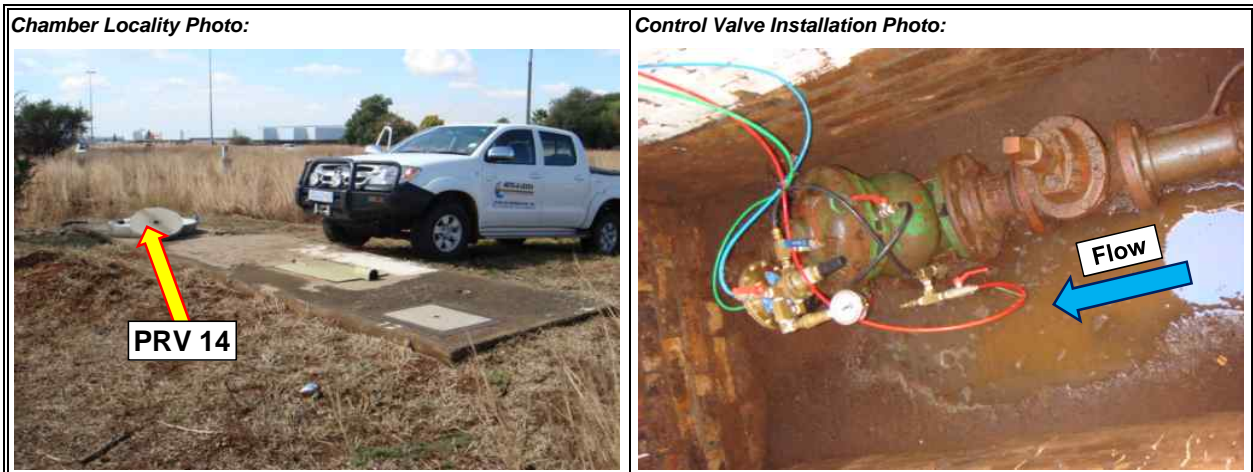
<p>Locality Map for Installation:</p> 	<p>Installation Position in Reticulation Network:</p> 
--	--

Comments / Recommendations:

1) Chamber is very small and full of dirt. Investigate to construct bigger chamber to gain access to the PRV.


 <p style="font-size: small;">A Miya Group Company</p>		Control Valve Reference Number: 14	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 1 - Vanderbijlpark	Zone:	Pressure Management Area: Bedworth Park	
Inspection Date: 2009/05/07	Street Address: Barrage Rd cnr Ascot on Vaal Rd at RW 2533 connection		
GPS Co-ordinates (dd,dddd°)	South: 26.70317	East: 27.87497	Elevation (m amsl): 1462

Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	14	None	PMAC ID:	3510	None
Make:	Bermad	None	Controller High Setting (m):	30	None
Size: (mm):	100	None	Controller High Time:	05:00	None
Static Upstream Pressure (m):		None	Controller Low Setting (m):	20	None
Downstream Pressure Setting (m):	30	None	Controller Low Time:	22:00	None

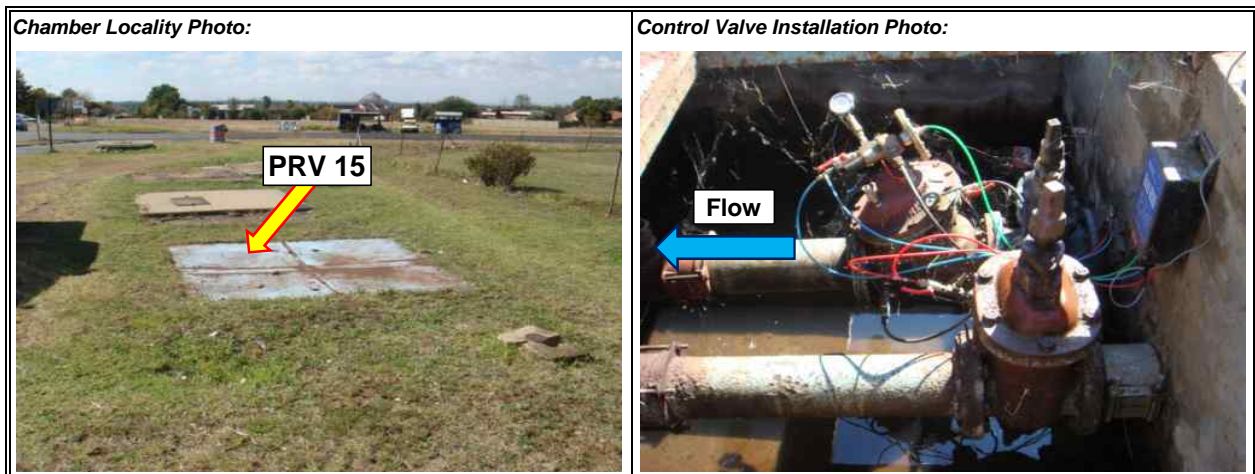


Comments / Recommendations:


- 1) Investigate if controller is operational, from logging data controller seems to be faulty. Set to 30m fixed outlet if controller is faulty.
- 2) Investigate if PRV supplies to Bedworth Park together with PRV in Cassandra Ave? Seems as if there are different zones?

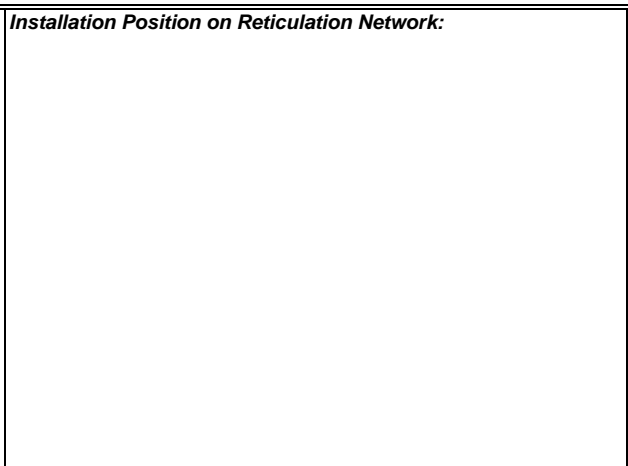
 <p>WRP A Miya Group Company</p>		Control Valve Reference Number: 15	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 1 - Vanderbijlpark	Zone:	Pressure Management Area: Bedworth Park	
Inspection Date: 2009/05/07	Street Address: Ascot on Vaal Rd cnr Cassandra Ave at RW 1455 connection		
GPS Co-ordinates (dd,dddd°)	South: 26.70482	East: 27.88152	Elevation (m amsl): 1450

Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	15	None	PMAC ID:	3511	None
Make:	Bermad	None	Controller High Setting (m):	42	None
Size: (mm):	150	None	Controller High Time:	05:00	None
Static Upstream Pressure (m):		None	Controller Low Setting (m):	32	None
Downstream Pressure Setting (m):	42	None	Controller Low Time:	22:00	None




Comments / Recommendations:
1) Investigate if PRV supplies to Bedworth Park together with PRV in Barrage Rd? Seems as if there are different zones?
2) Standing water inside chamber, suspect leak outside chamber. Investigate and repair leak.

		Critical Point Reference Number: 2	
CRITICAL PRESSURE POINT INSTALLATION DETAILS			
Depot:	1 - Vanderbijlpark	Zone:	Bedworth Park
Inspection Date:	2009/07/09	Street Address:	Aurora Ave cnr Troy Rd in Fire Hydrant Box
GPS Co-ordinates (dd, dddd°)	South: 26,70627	East: 27,87052	Elevation (m amsl): 1462
Critical Point Logger Details:		Critical Point Pressures:	
Logger Type:	Technolog, Cello	Minimum Pressure at Critical Point (m):	20
PMAC ID:	3016	Maximum Pressure at Critical Point (m):	30

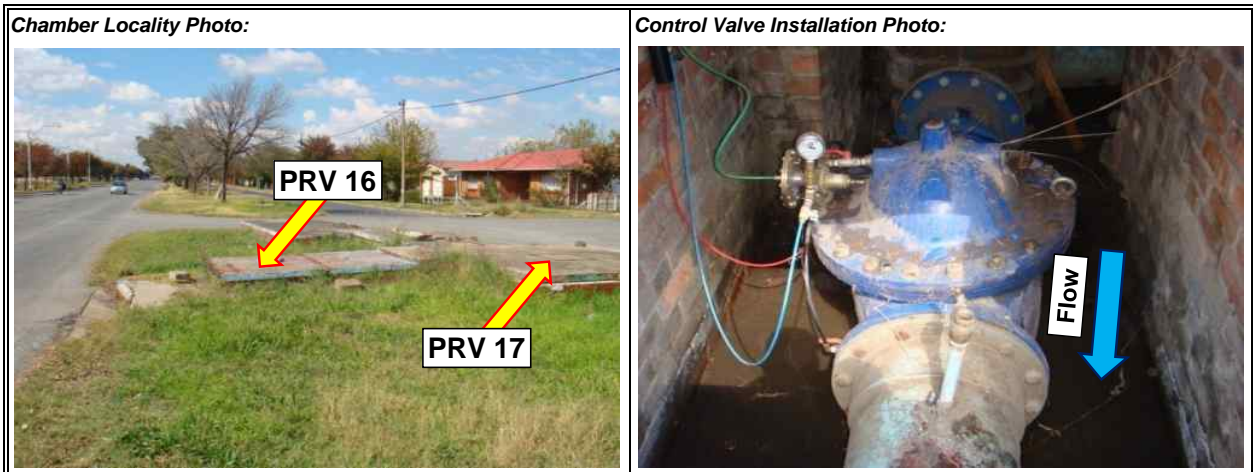


Comments / Recommendations:

1) Install saddle and meter box next to fire hydrant and move logger onto saddle to free up fire hydrant.


 <p>WRP A Miya Group Company</p>		Control Valve Reference Number: 16	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 2 - Vereeniging	Zone:	Pressure Management Area: Vereeniging CBD	
Inspection Date: 2009/05/07	Street Address: Lewis Ave cnr Botha St at RW 0729 connection		
GPS Co-ordinates (dd, dddd°)	South: 26.68292	East: 27.92084	Elevation (m amsl): 1437

Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	16	None	PMAC ID:	None	None
Make:	Baker	None	Controller High Setting (m):	None	None
Size: (mm):	350	None	Controller High Time:	None	None
Static Upstream Pressure (m):	113	None	Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	47	None	Controller Low Time:	None	None

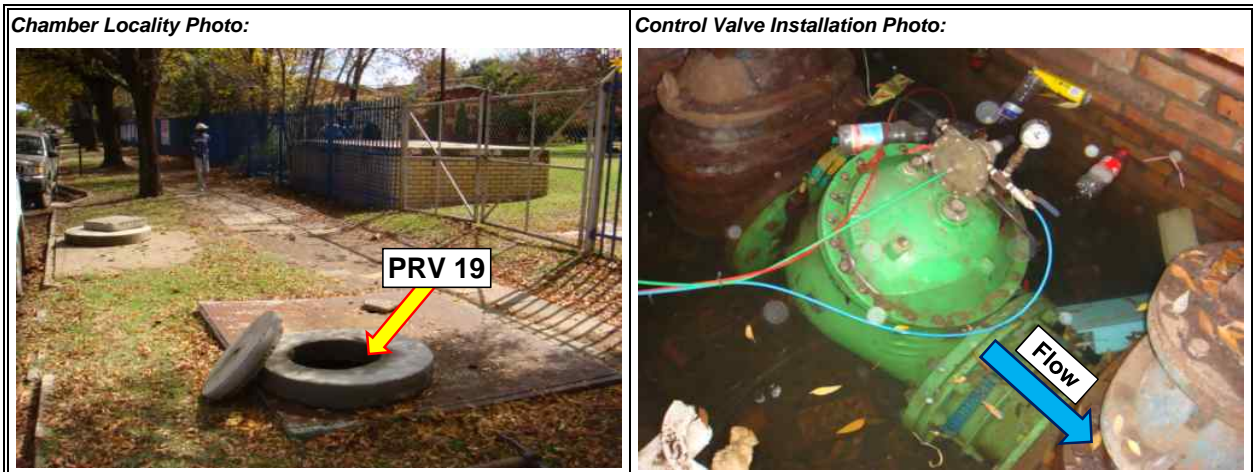


Comments / Recommendations:

- 1) Investigate is zone is discrete? Seems as if controller is not operational, PRV logging data shows fixed outlet pressure of 38m.
- 2) Controller needs to be moved to PRV 17 which supplies to Powerville.


		Control Valve Reference Number: 19
PRESSURE MANAGEMENT INSTALLATION DETAILS		
Depot: 2 - Vereeniging	Zone:	Pressure Management Area: Vereeniging CBD
Inspection Date: 2009/05/07	Street Address: De Villiers Ave cnr Botha St at RW 1910 connection	
GPS Co-ordinates (dd, dddd°)	South: 26.66535	East: 27.92478 Elevation (m amsl): 1444

Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	19	None	PMAC ID:	None	None
Make:	Bermad	None	Controller High Setting (m):	None	None
Size: (mm):	300	None	Controller High Time:	None	None
Static Upstream Pressure (m):	109	None	Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	40	None	Controller Low Time:	None	None



Comments / Recommendations:


- 1) Chamber is flooded. Repair leak.
- 2) Investigate if zone is discrete? Seems as if controller is not operational. Logging data shows fixed outlet pressure of 40m?
- 3) Controller needs to be moved to PRV 18.

		Critical Point Reference Number: 3	
CRITICAL PRESSURE POINT INSTALLATION DETAILS			
Depot:	2 - Vereeniging	Zone:	Vereeniging CBD
Inspection Date:	2008/08/14	Street Address:	Market Ave cnr Botha St on roof of Akasia flats
GPS Co-ordinates (dd, dddd°)	South: 26,67365	East: 27,92383	Elevation (m amsl): 1461
Critical Point Logger Details:		Critical Point Pressures:	
Logger Type:	Technolog, Cello	Minimum Pressure at Critical Point (m):	15
PMAC ID:	3010	Maximum Pressure at Critical Point (m):	20

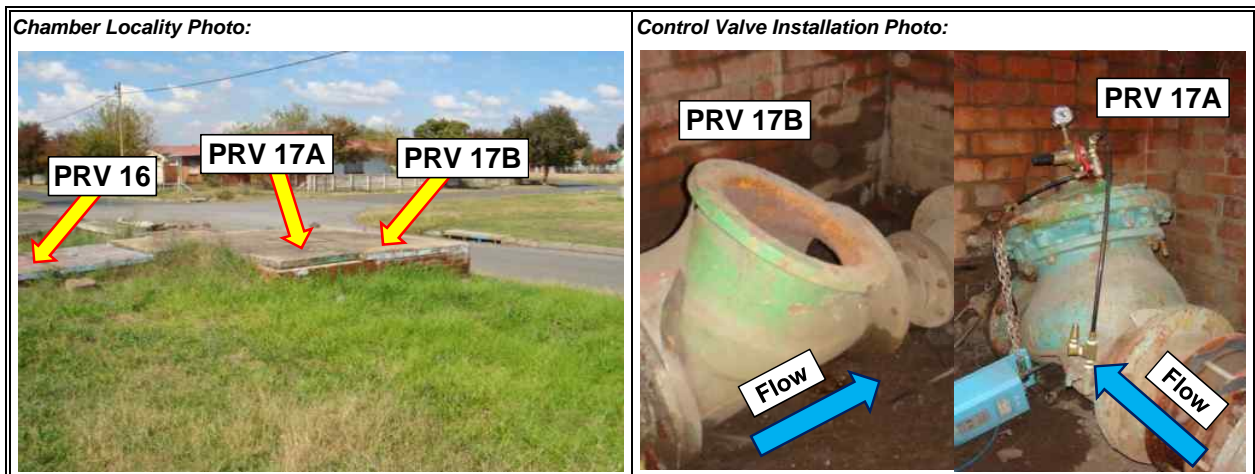
<p>Locality Photo:</p> 	<p>Installation Photo:</p> 
--	---

<p>Locality Map for Installation:</p> 	<p>Installation Position on Reticulation Network:</p>
--	--



Comments / Recommendations:


		Control Valve Reference Number: 17A & 17B	
PRESSURE MANAGEMENT INSTALLATION DETAILS			
Depot: 2 - Vereeniging	Zone:	Pressure Management Area: Powerville	
Inspection Date: 2009/05/07	Street Address: Lewis Ave cnr Botha St at RW 0729 connection		
GPS Co-ordinates (dd, dddd°)	South: 26.68292	East: 27.92084	Elevation (m amsl): 1437

Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	17A	17B	PMAC ID:	3508	None
Make:	Bermad	Bermad	Controller High Setting (m):	45	None
Size: (mm):	250	-	Controller High Time:	05:00	None
Static Upstream Pressure (m):		-	Controller Low Setting (m):	35	None
Downstream Pressure Setting (m):	45	-	Controller Low Time:	22:00	None

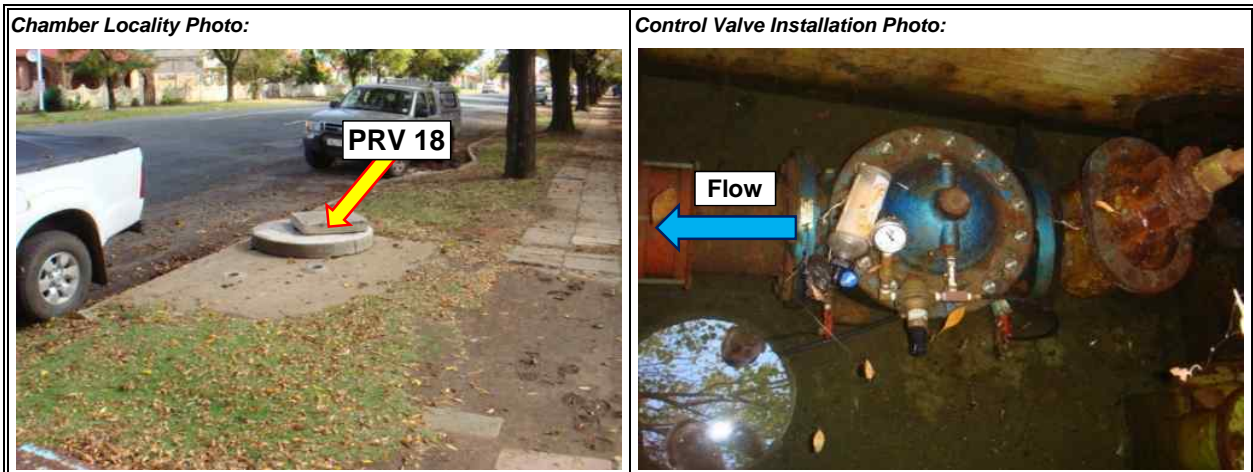


Comments / Recommendations:
1) PRV 17B was decommissioned.
2) Controller needs to be moved from PRV 16 to PRV 17.
3) Investigate if zone is discrete.


		Critical Point Reference Number: 23
AVERAGE PRESSURE POINT INSTALLATION DETAILS		
Depot: 2 - Vereeniging	Zone:	Pressure Management Area: Duncanville / Peacehaven
Inspection Date:		Street Address:
GPS Co-ordinates (dd, dddd°)	South:	East:
Critical Point Logger Details:		Critical Point Pressures:
Logger Type:	Technolog, Cello	Minimum Pressure at Critical Point (m):
PMAC ID:	3020	Maximum Pressure at Critical Point (m):
Locality Photo:		Installation Photo:
		
Locality Map for Installation:		Installation Position on Reticulation Network:
Comments / Recommendations:		
1) Meter box is flooded. Repair leak.		
2) Logger to be installed once leak is repaired.		

 <p>WRP A Miya Group Company</p>	Control Valve Reference Number: 18	
PRESSURE MANAGEMENT INSTALLATION DETAILS		
Depot: 2 - Vereeniging	Zone:	Pressure Management Area: Leeuhof / Duncanville
Inspection Date: 2009/05/07	Street Address: De Villiers Ave cnr Botha St at RW 1910 connection	
GPS Co-ordinates (dd, dddd°)	South: 26.66535	East: 27.92478 Elevation (m amsl): 1444

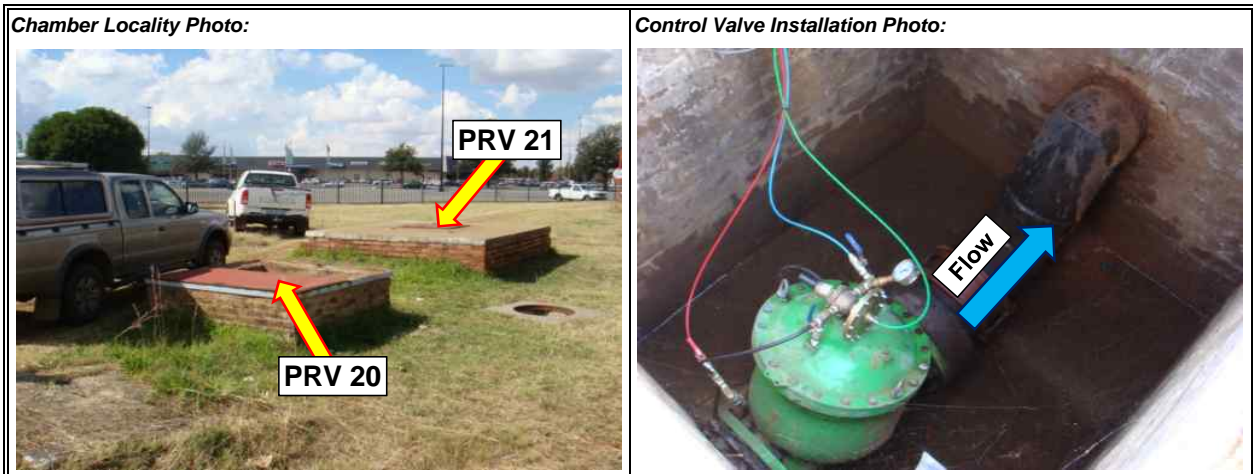
Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	18	None	PMAC ID:	3509	None
Make:	Baker	None	Controller High Setting (m):	50	None
Size: (mm):	200	None	Controller High Time:	05:00	None
Static Upstream Pressure (m):		None	Controller Low Setting (m):	40	None
Downstream Pressure Setting (m):	50	None	Controller Low Time:	22:00	None




Comments / Recommendations:
1) Chamber is flooded. Repair leak.
2) Controller needs to be moved from PRV 19 to PRV 18.

 <p style="font-size: small;">A Miya Group Company</p>		Control Valve Reference Number: 20	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 2 - Vereeniging	Zone:	Pressure Management Area: Duncanville / Peacehaven	
Inspection Date: 2009/05/07	Street Address: Ring Rd cnr Johannesburg Rd at RW 1121 connection		
GPS Co-ordinates (dd,dddd°)	South: 26.63992	East: 27.93703	Elevation (m amsl): 1454

Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	20	None	PMAC ID:	3506	None
Make:	Bermad	None	Controller High Setting (m):	60	None
Size: (mm):	250	None	Controller High Time:	05:00	None
Static Upstream Pressure (m):	78	None	Controller Low Setting (m):	50	None
Downstream Pressure Setting (m):	60	None	Controller Low Time:	22:00	None




Comments / Recommendations:

		Critical Point Reference Number: 4	
AVERAGE PRESSURE POINT INSTALLATION DETAILS			
Depot:	2 - Vereeniging	Zone:	
Pressure Management Area:		Duncanville / Peacehaven	
Inspection Date:	2009/07/29	Street Address:	Laurie Stevens St cnr Craeme Pollok St in Fire Hydrant Box
GPS Co-ordinates (dd,dddd°)	South: 26,63562365	East: 27,91057	Elevation (m amsl): 1459
Critical Point Logger Details:		Critical Point Pressures:	
Logger Type:	Technolog, Cello	Minimum Pressure at Critical Point (m):	
PMAC ID:	3013	Maximum Pressure at Critical Point (m):	

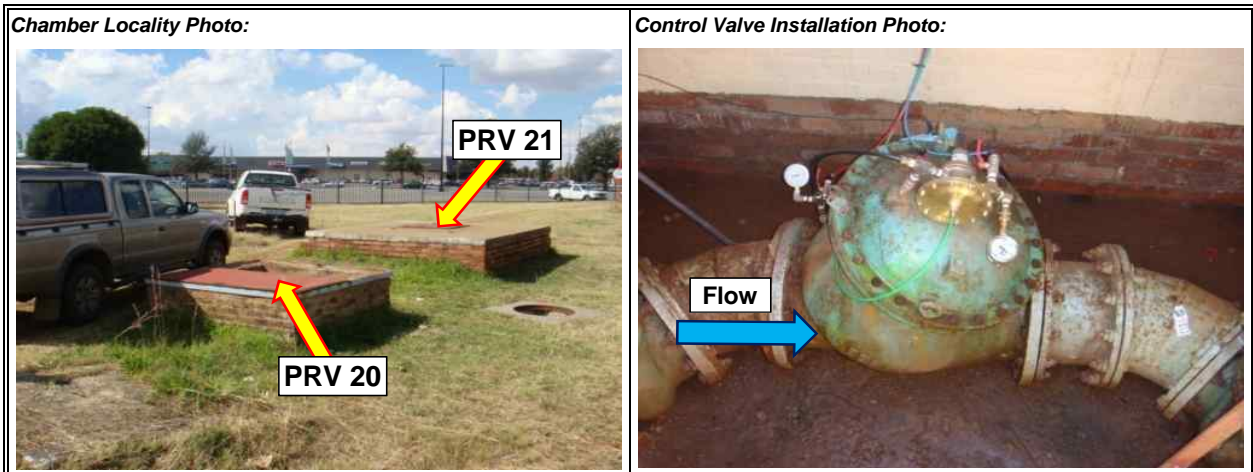
Locality Photo: 	Installation Photo: 
--	---

Locality Map for Installation: 	Installation Position on Reticulation Network: 
--	---


Comments / Recommendations:
1) Fire Hydrant box is flooded. Repair leak.
2) Logger to be installed once leak is repaired.
3) Install saddle and meter box next to fire hydrant and move logger onto saddle to free up fire hydrant.

 <p>WRP A Miya Group Company</p>		Control Valve Reference Number: 21	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 2 - Vereeniging	Zone:	Pressure Management Area: Arcon Park	
Inspection Date: 2009/05/07	Street Address: Ring Rd cnr Johannesburg Rd at RW 0728 connection		
GPS Co-ordinates (dd, dddd°)	South: 26.63992	East: 27.93703	Elevation (m amsl): 1454

Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	21	None	PMAC ID:	3505	None
Make:	Bermad	None	Controller High Setting (m):	50	None
Size: (mm):	250	None	Controller High Time:	05:00	None
Static Upstream Pressure (m):	78	None	Controller Low Setting (m):	40	None
Downstream Pressure Setting (m):	50	None	Controller Low Time:	22:00	None




Comments / Recommendations:

		Critical Point Reference Number: 5	
AVERAGE PRESSURE POINT INSTALLATION DETAILS			
Depot:	2 - Vereeniging	Zone:	Pressure Management Area: Arcon Park
Inspection Date:	2009/07/17	Street Address: General Hertzog Rd cnr Jimmy Ball St in existing chamber	
GPS Co-ordinates (dd,dddd°)	South: 26,66112	East: 27,94692	Elevation (m amsl): 1440
Critical Point Logger Details:		Critical Point Pressures:	
Logger Type:	Technolog, Cello	Minimum Pressure at Critical Point (m):	
PMAC ID:	3015	Maximum Pressure at Critical Point (m):	



Locality Photo: 	Installation Photo: 
--	---

Locality Map for Installation: 	Installation Position on Reticulation Network: 
--	---

Comments / Recommendations: 1) New slab for chamber are being constructed to secure chamber. Once slab is in place, logger will be installed.


		Control Valve Reference Number: 47	
PRESSURE MANAGEMENT INSTALLATION DETAILS			
Depot: 2 - Vereeniging	Zone:	Pressure Management Area: Van Der Merwes Kroon	
Inspection Date: 2009/07/09	Street Address: Jimmy Sinclair St cnr Jacob Van Der Merwe Ave at RW 1054		
GPS Co-ordinates (dd, dddd°)	South: 26.61671	East: 27.92776	Elevation (m amsl): 1472

Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	47	None	PMAC ID:	3507	None
Make:	Baker	None	Controller High Setting (m):	50	None
Size: (mm):	200	None	Controller High Time:	05:00	None
Static Upstream Pressure (m):		None	Controller Low Setting (m):	40	None
Downstream Pressure Setting (m):	50	None	Controller Low Time:	22:00	None

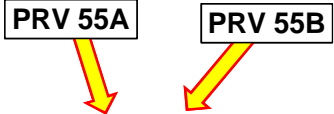
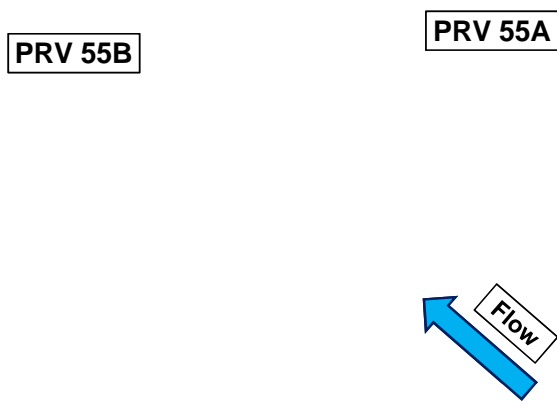


<p>Chamber Locality Photo:</p> 	<p>Control Valve Installation Photo:</p> 
--	---

<p>Locality Map for Installation:</p> 	<p>Installation Position in Reticulation Network:</p>
--	--


Comments / Recommendations:
1) Ball-cock is leaking on control circuit. Repair leak.

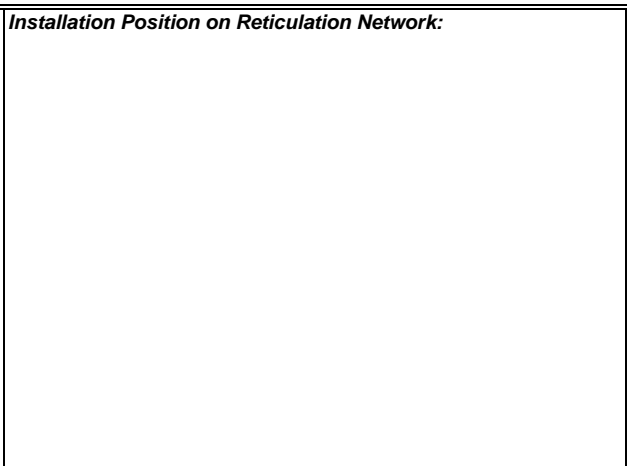
		Control Valve Reference Number: 55A & 55B	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 2 - Vereeniging	Zone:	Pressure Management Area: Three Rivers East	
Inspection Date: 2009/09/17	Street Address: Three Rivers East Reservoir Site		
GPS Co-ordinates (dd, dddd°)	South:	East:	Elevation (m amsl): 1461

Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	55A	55B	PMAC ID:	None	None
Make:			Controller High Setting (m):	None	None
Size: (mm):			Controller High Time:	None	None
Static Upstream Pressure (m):			Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):			Controller Low Time:	None	None

<p>Chamber Locality Photo:</p> 	<p>Control Valve Installation Photo:</p> 
<p>Locality Map for Installation:</p> 	<p>Installation Position in Reticulation Network:</p> 


Comments / Recommendations:
1) PRV chamber is flooded. Cannot access chamber.

		Critical Point Reference Number: 20	
CRITICAL PRESSURE POINT INSTALLATION DETAILS			
Depot:	2 - Vereeniging	Zone:	Three Rivers East
Inspection Date:	2009/09/17	Street Address:	12 Pikkewyn Rd on fire hydrant
GPS Co-ordinates (dd,dddd°)	South: 26,65553	East: 28,01254	Elevation (m amsl): 1461
Critical Point Logger Details:		Critical Point Pressures:	
Logger Type:	Technolog, Cello	Minimum Pressure at Critical Point (m):	22
PMAC ID:	3014	Maximum Pressure at Critical Point (m):	28

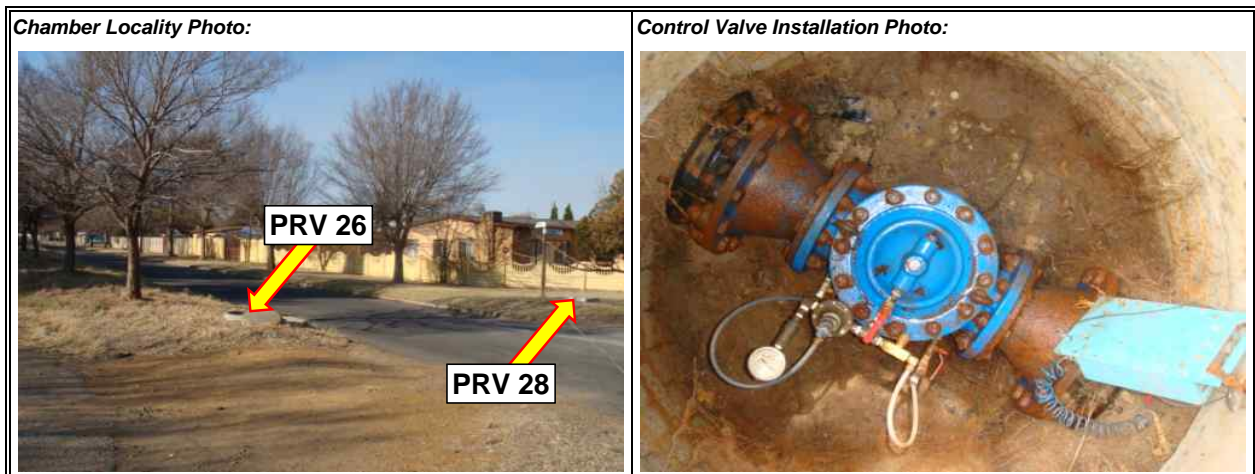


Comments / Recommendations:

1) Install saddle and meter box next to fire hydrant and move logger onto saddle to free up fire hydrant.


 A Miya Group Company		Control Valve Reference Number: 26	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 2 - Vereeniging	Zone:	Pressure Management Area: Steel Park	
Inspection Date: 2009/07/15	Street Address: Skippy Botha Rd cnr Evans Ave		
GPS Co-ordinates (dd,dddd°)	South: 26.61716	East: 27.89283	Elevation (m amsl): 1481

Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	26	None	PMAC ID:	None	None
Make:	Premier	None	Controller High Setting (m):	None	None
Size: (mm):	150	None	Controller High Time:	None	None
Static Upstream Pressure (m):		None	Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	40	None	Controller Low Time:	None	None



Comments / Recommendations:

1) Investigate to move controller of Sharpville Inlet to this PRV installation.


 <p>WRP A Miya Group Company</p>		Control Valve Reference Number: 27	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 2 - Vereeniging	Zone:	Pressure Management Area: Sonland Park	
Inspection Date: 2009/07/15	Street Address: Skippy Botha Rd cnr Outeniqua St		
GPS Co-ordinates (dd, dddd°)	South: 26.61938	East: 27.89040	Elevation (m amsl): 1481

Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	27	None	PMAC ID:	None	None
Make:	Claval	None	Controller High Setting (m):	None	None
Size: (mm):	150	None	Controller High Time:	None	None
Static Upstream Pressure (m):		None	Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	51	None	Controller Low Time:	None	None

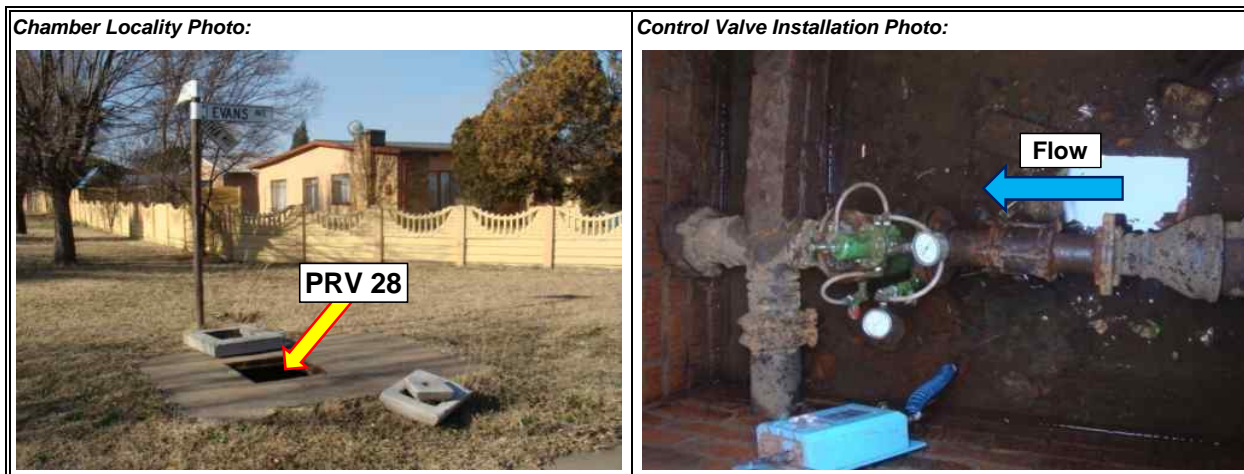
<p>Chamber Locality Photo:</p> 	<p>Control Valve Installation Photo:</p> 
--	---

<p>Locality Map for Installation:</p> 	<p>Installation Position in Reticulation Network:</p> 
--	--

Comments / Recommendations:
1) Chamber has standing water and is very dirty inside. Repair leak and clean out chamber.
2) Set PRV to 41m fixed outlet pressure.


 <p style="font-size: small;">A Miya Group Company</p>		Control Valve Reference Number: 28	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 2 - Vereeniging	Zone:	Pressure Management Area: Sonland Park	
Inspection Date: 2009/07/15	Street Address: Skippy Botha Rd cnr Evans Ave		
GPS Co-ordinates (dd, dddd°)	South: 26.61716	East: 27.89294	Elevation (m amsl): 1484

Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	28	None	PMAC ID:	None	None
Make:	Bermad	None	Controller High Setting (m):	None	None
Size: (mm):	80	None	Controller High Time:	None	None
Static Upstream Pressure (m):		None	Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	48	None	Controller Low Time:	None	None


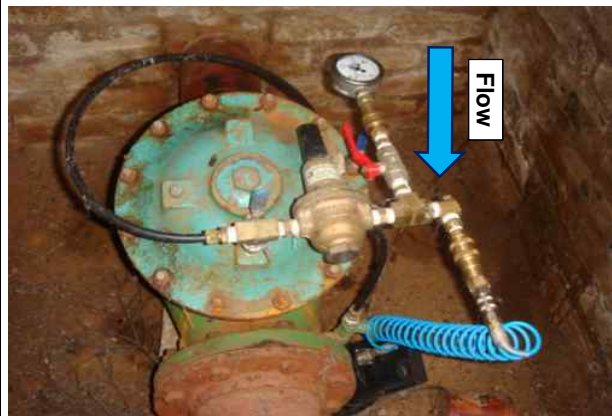



Comments / Recommendations:

- 1) Chamber has standing water. Suspect from leak in PRV chamber across the road.
- 2) Set PRV to 38m fixed outlet pressure.


 <p>WRP A Miya Group Company</p>		Control Valve Reference Number: 29	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 2 - Vereeniging	Zone:	Pressure Management Area: Sonland Park	
Inspection Date: 2009/07/15	Street Address: Skippy Botha Rd cnr Viviers Ave		
GPS Co-ordinates (dd,dddd°)	South: 26.60793	East: 27.90337	Elevation (m amsl): 1489

Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	29	None	PMAC ID:	None	None
Make:	Bermad	None	Controller High Setting (m):	None	None
Size: (mm):	150	None	Controller High Time:	None	None
Static Upstream Pressure (m):	115	None	Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	43	None	Controller Low Time:	None	None

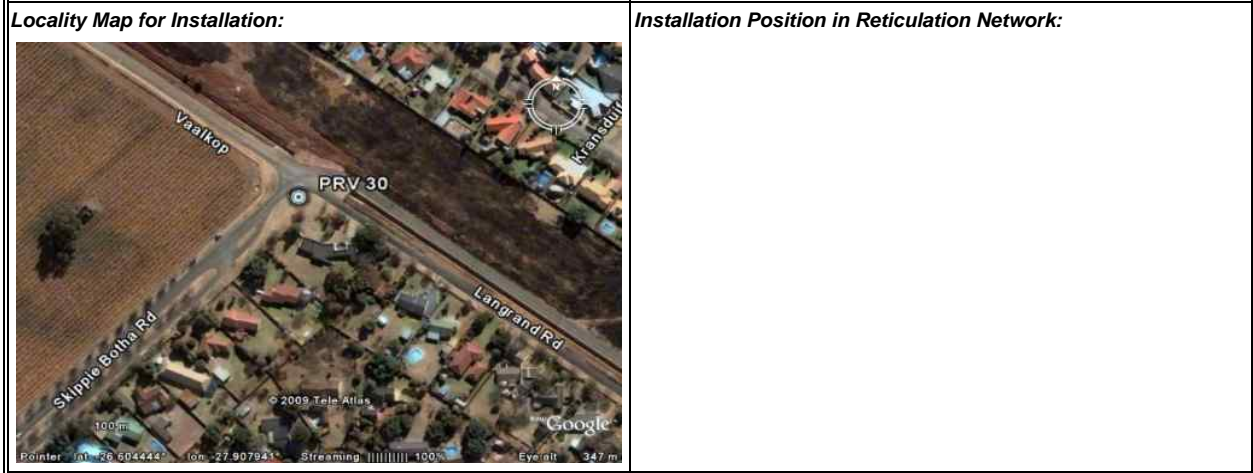
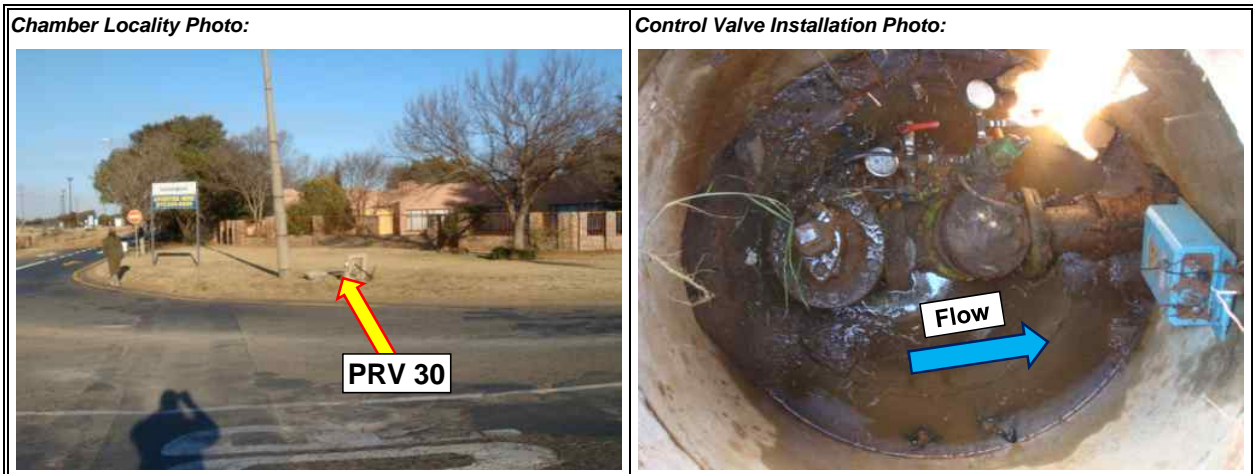
<p>Chamber Locality Photo:</p> 	<p>Control Valve Installation Photo:</p> 
--	---

<p>Locality Map for Installation:</p> 	<p>Installation Position in Reticulation Network:</p> 
--	--


Comments / Recommendations:
1) Set PRV to 33m fixed outlet pressure.

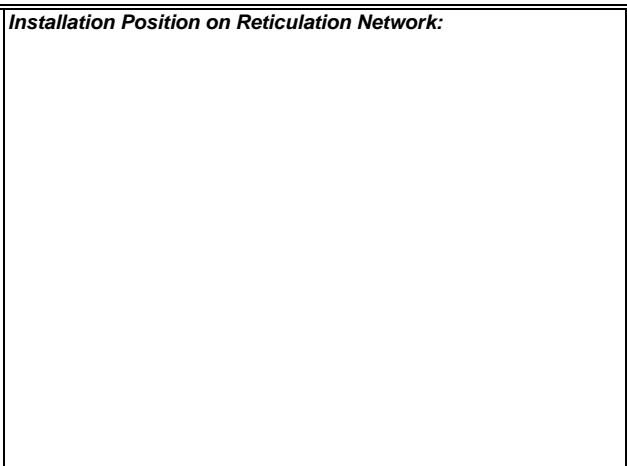
 <p style="font-size: small;">A Miya Group Company</p>		Control Valve Reference Number: 30	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 2 - Vereeniging	Zone:	Pressure Management Area: Sonland Park	
Inspection Date: 2009/07/15	Street Address: Skippy Botha Rd cnr Langrand Rd		
GPS Co-ordinates (dd, dddd°)	South: 26.60416	East: 27.90758	Elevation (m amsl): 1492

Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	30	None	PMAC ID:	None	None
Make:	Bermad	None	Controller High Setting (m):	None	None
Size: (mm):	100	None	Controller High Time:	None	None
Static Upstream Pressure (m):		None	Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	40	None	Controller Low Time:	None	None




Comments / Recommendations:
1) Isolating valve is leaking. Repair leak.
2) Set PRV to 30m fixed outlet pressure.

		Critical Point Reference Number: 6	
CRITICAL PRESSURE POINT INSTALLATION DETAILS			
Depot:	2 - Vereeniging	Zone:	Sonland Park
Inspection Date:	2009/07/15	Street Address:	Skippy Botha Rd cnr Viviers Ave in existing PRV chamber
GPS Co-ordinates (dd, dddd°)	South: 26,60793	East: 27,90337	Elevation (m amsl): 1489
Critical Point Logger Details:		Critical Point Pressures:	
Logger Type:	Technolog, Cello	Minimum Pressure at Critical Point (m):	10
PMAC ID:	3021	Maximum Pressure at Critical Point (m):	30




Comments / Recommendations:

1) Critical point pressure would change to 43m once all PRV's are correctly set.


 <p>WRP A Miya Group Company</p>		Control Valve Reference Number: 31	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 2 - Vereeniging	Zone:	Pressure Management Area: Helenas Rust	
Inspection Date: 2009/07/29	Street Address: Langrand Rd, next to Rand Water Amanzimtoti Pump Station		
GPS Co-ordinates (dd, dddd°)	South: 26.59675	East: 27.89676	Elevation (m amsl): 1510

Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	31	None	PMAC ID:	None	None
Make:	Baker	None	Controller High Setting (m):	None	None
Size: (mm):	80	None	Controller High Time:	None	None
Static Upstream Pressure (m):		None	Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	12	None	Controller Low Time:	None	None

<p>Chamber Locality Photo:</p> 	<p>Control Valve Installation Photo:</p> 
--	---

<p>Locality Map for Installation:</p> 	<p>Installation Position in Reticulation Network:</p> 
--	--

Comments / Recommendations:
1) Investigate if PRV is operational? Gauges indicate equal pressure over control valve.


 <p style="font-size: small;">A Miya Group Company</p>		Control Valve Reference Number: 32	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 2 - Vereeniging	Zone:	Pressure Management Area: Falcon Ridge	
Inspection Date: 2009/07/29	Street Address: Flufftail St cnr Starling St		
GPS Co-ordinates (dd,dddd°)	South: 26.60201	East: 27.90694	Elevation (m amsl): 1494

Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	32	None	PMAC ID:	None	None
Make:	?	None	Controller High Setting (m):	None	None
Size: (mm):	150	None	Controller High Time:	None	None
Static Upstream Pressure (m):		None	Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	-	None	Controller Low Time:	None	None




Comments / Recommendations:

1) PRV was decommissioned.


 <p>WRP A Miya Group Company</p>		Control Valve Reference Number: 33	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 2 - Vereeniging	Zone:	Pressure Management Area: Falcon Ridge	
Inspection Date: 2009/07/29	Street Address: Berghaan St cnr Starling St		
GPS Co-ordinates (dd, dddd°)	South: 26.59961	East: 27.90914	Elevation (m amsl): 1496

Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	33	None	PMAC ID:	None	None
Make:		None	Controller High Setting (m):	None	None
Size: (mm):		None	Controller High Time:	None	None
Static Upstream Pressure (m):		None	Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	38	None	Controller Low Time:	None	None


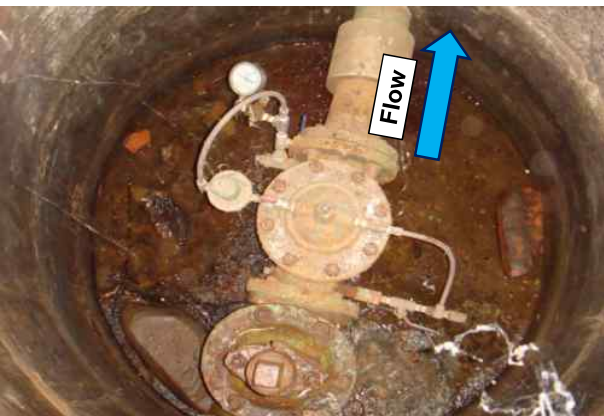
<p>Chamber Locality Photo:</p> 	<p>Control Valve Installation Photo:</p> <div style="border: 1px solid black; padding: 10px; text-align: center; width: fit-content; margin: auto;"> <p>Chamber was Flooded at time of Investigation</p> </div>
--	---

<p>Locality Map for Installation:</p> 	<p>Installation Position in Reticulation Network:</p>
--	--

Comments / Recommendations:
1) Chamber is flooded and full of bees.

 <p>WRP A Miya Group Company</p>		Control Valve Reference Number: 34	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 2 - Vereeniging	Zone:	Pressure Management Area: Falcon Ridge	
Inspection Date: 2009/07/29	Street Address: Edelvalk Rd cnr Starling St		
GPS Co-ordinates (dd, dddd°)	South: 26.59683	East: 27.91129	Elevation (m amsl): 1500


Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	34	None	PMAC ID:	None	None
Make:	Baker	None	Controller High Setting (m):	None	None
Size: (mm):	100	None	Controller High Time:	None	None
Static Upstream Pressure (m):		None	Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	34	None	Controller Low Time:	None	None

<p>Chamber Locality Photo:</p> 	<p>Control Valve Installation Photo:</p> 
--	---

<p>Locality Map for Installation:</p> 	<p>Installation Position in Reticulation Network:</p> 
--	--

Comments / Recommendations:


1) Chamber has leak inside. Repair leak.

 <p>WRP A Miya Group Company</p>		Control Valve Reference Number: 35	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 2 - Vereeniging	Zone:	Pressure Management Area: Falcon Ridge	
Inspection Date: 2009/07/29	Street Address: Pheasant St cnr Starling St		
GPS Co-ordinates (dd,dddd°)	South: 26.59470	East: 27.91303	Elevation (m amsl): 1503

Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	35	None	PMAC ID:	None	None
Make:	Baker	None	Controller High Setting (m):	None	None
Size: (mm):	100	None	Controller High Time:	None	None
Static Upstream Pressure (m):		None	Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	31	None	Controller Low Time:	None	None




Comments / Recommendations:

 <p>WRP A Miya Group Company</p>		Control Valve Reference Number: 36	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 2 - Vereeniging	Zone:	Pressure Management Area: Falcon Ridge	
Inspection Date: 2009/07/29	Street Address: Harrier St cnr Starling St		
GPS Co-ordinates (dd, dddd°)	South: 26.59064	East: 27.91652	Elevation (m amsl): 1504

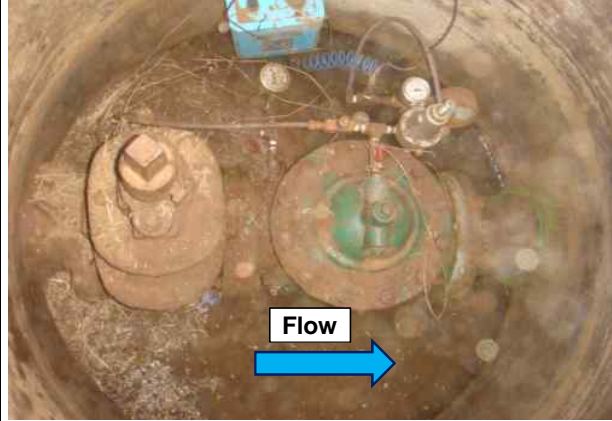
Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	36	None	PMAC ID:	None	None
Make:	Baker	None	Controller High Setting (m):	None	None
Size: (mm):	100	None	Controller High Time:	None	None
Static Upstream Pressure (m):		None	Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	30	None	Controller Low Time:	None	None



Comments / Recommendations:


		Control Valve Reference Number: 37	
PRESSURE MANAGEMENT INSTALLATION DETAILS			
Depot: 2 - Vereeniging	Zone:	Pressure Management Area: Falcon Ridge	
Inspection Date: 2009/07/29	Street Address: Kwartel Ave cnr Starling St		
GPS Co-ordinates (dd,dddd°)	South: 26.58925	East: 27.91772	Elevation (m amsl): 1504

Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	37	None	PMAC ID:	None	None
Make:	Baker	None	Controller High Setting (m):	None	None
Size: (mm):	150	None	Controller High Time:	None	None
Static Upstream Pressure (m):		None	Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	30	None	Controller Low Time:	None	None

<p>Chamber Locality Photo:</p> 	<p>Control Valve Installation Photo:</p> 
--	---


<p>Locality Map for Installation:</p> 	<p>Installation Position in Reticulation Network:</p> 
--	--

Comments / Recommendations:
1) Chamber have standing water from leak outside chamber. Repair leak.
2) Clean out chamber.

		Critical Point Reference Number: 7	
CRITICAL PRESSURE POINT INSTALLATION DETAILS			
Depot:	2 - Vereeniging	Zone:	Falcon Ridge
Inspection Date:	2009/07/29	Street Address:	Pheasant St cnr Starling St in existing PRV chamber
GPS Co-ordinates (dd, dddd°)	South: 26.59470	East: 27.91303	Elevation (m amsl): 1503
Critical Point Logger Details:		Critical Point Pressures:	
Logger Type:	Technolog, Cello	Minimum Pressure at Critical Point (m):	
PMAC ID:	3019	Maximum Pressure at Critical Point (m):	




Comments / Recommendations:

 <p style="font-size: small;">A Miya Group Company</p>		Control Valve Reference Number: 38	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 2 - Vereeniging	Zone:	Pressure Management Area: Rust Ter Vaal	
Inspection Date: 2009/07/09	Street Address: In open veld off Sadia Blvd		
GPS Co-ordinates (dd,dddd°)	South: 26.57194	East: 27.93843	Elevation (m amsl): 1512

Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	38	None	PMAC ID:	None	None
Make:	Claval	None	Controller High Setting (m):	None	None
Size: (mm):	200	None	Controller High Time:	None	None
Static Upstream Pressure (m):	90	None	Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	38	None	Controller Low Time:	None	None



Comments / Recommendations:
1) Chamber have standing water from leak outside chamber. Repair leak.
2) Clean out and secure chamber.
3) PRV has equal pressure over control valve. Investigate if PRV is operational.


 <p>WRP A Miya Group Company</p>		Control Valve Reference Number: 39	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 2 - Vereeniging	Zone:	Pressure Management Area: Roshnee	
Inspection Date: 2009/07/09	Street Address: In open veld off Johannesburg Rd		
GPS Co-ordinates (dd, dddd°)	South: 26.56674	East: 27.93511	Elevation (m amsl): 1517

Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	39	None	PMAC ID:	None	None
Make:	Claval	None	Controller High Setting (m):	None	None
Size: (mm):	300	None	Controller High Time:	None	None
Static Upstream Pressure (m):	90	None	Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	48	None	Controller Low Time:	None	None



Comments / Recommendations:


1) PRV fixed outlet setting is currently on 60m. Pressure problems is experienced when adjusted lower. Possible closed valves within reticulation network must be opened fully and fixed outlet pressure is to be adjusted to 48m.

		Critical Point Reference Number: 8	
AVERAGE PRESSURE POINT INSTALLATION DETAILS			
Depot:	2 - Vereeniging	Zone:	Roshnee
Inspection Date:	2009/07/29	Street Address:	In open veld off Johannesburg Rd
GPS Co-ordinates (dd, dddd°)	South: 26.56674	East: 27.93511	Elevation (m amsl): 1517
Critical Point Logger Details:		Critical Point Pressures:	
Logger Type:	Technolog, Cello	Minimum Pressure at Critical Point (m):	80
PMAC ID:	3009	Maximum Pressure at Critical Point (m):	90

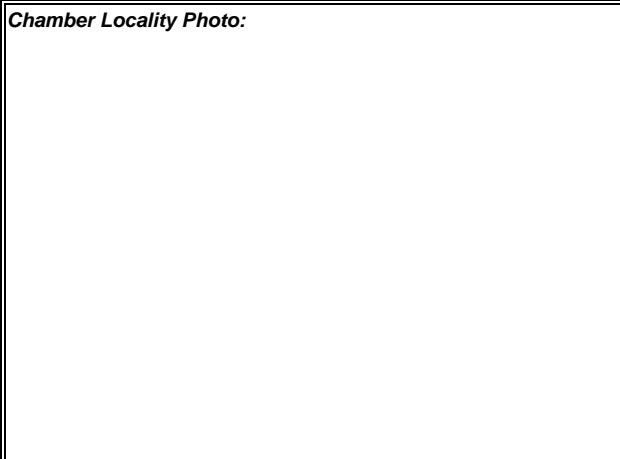
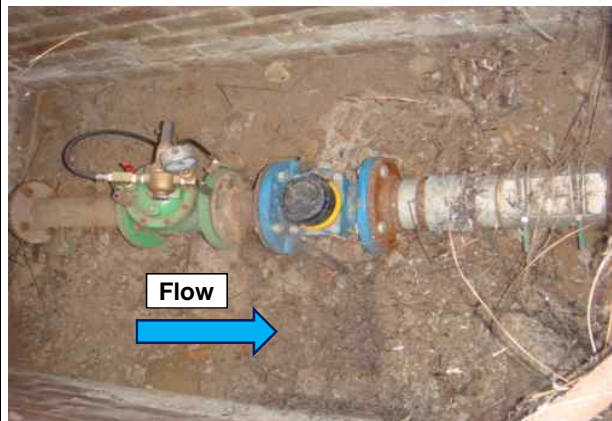
<p>Locality Photo:</p> 	<p>Installation Photo:</p> 
--	---

<p>Locality Map for Installation:</p> 	<p>Installation Position on Reticulation Network:</p>
--	--

<p>Comments / Recommendations:</p> <p>1) Logger measures inlet pressure to zone.</p> <p>2) Chamber is partially flooded. Leak inside chamber was repaired during field investigation.</p>


		Control Valve Reference Number: 40	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 2 - Vereeniging	Zone:	Pressure Management Area:	
Inspection Date: 2009/07/09	Street Address: In open veld off Vereeniging St		
GPS Co-ordinates (dd,dddd°)	South: 26.57302	East: 27.93172	Elevation (m amsl): 1503

Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	40	None	PMAC ID:	None	None
Make:	Bermad	None	Controller High Setting (m):	None	None
Size: (mm):	80	None	Controller High Time:	None	None
Static Upstream Pressure (m):	105	None	Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	46	None	Controller Low Time:	None	None

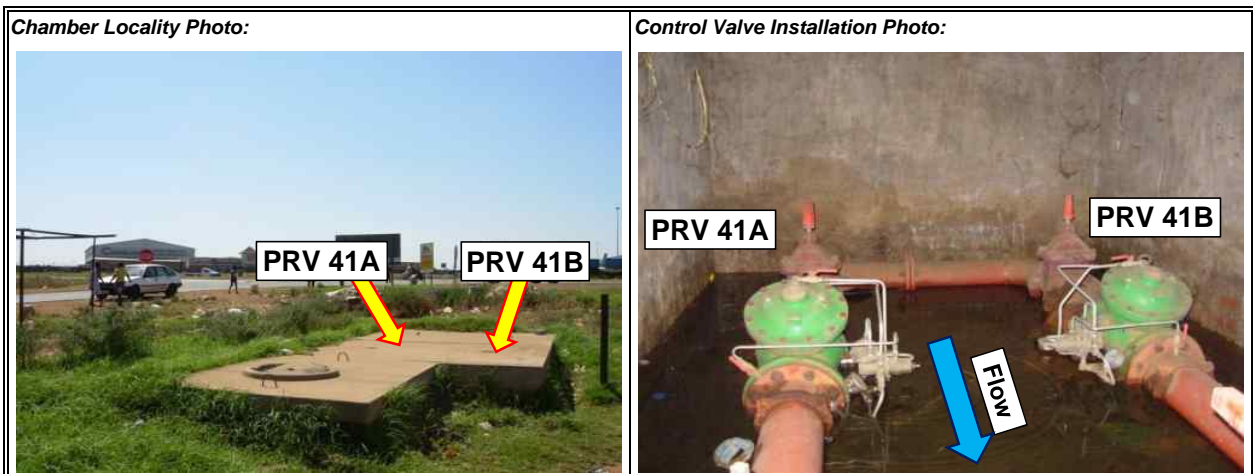
<p>Chamber Locality Photo:</p> 	<p>Control Valve Installation Photo:</p> 
--	---

<p>Locality Map for Installation:</p> 	<p>Installation Position in Reticulation Network:</p> 
--	---

Comments / Recommendations:


 <p>WRP A Miya Group Company</p>		Control Valve Reference Number: 41A & 41B	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 3 - Sebokeng	Zone:	Pressure Management Area: Boitumelo	
Inspection Date: 2009/07/09	Street Address: President Mandela cnr Golden Highway		
GPS Co-ordinates (dd, dddd°)	South: 26.56278	East: 27.82746	Elevation (m amsl): 1499

Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	41A	41B	PMAC ID:	None	None
Make:	Bermad	Bermad	Controller High Setting (m):	None	None
Size: (mm):	150	150	Controller High Time:	None	None
Static Upstream Pressure (m):	30	30	Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	20	10	Controller Low Time:	None	None


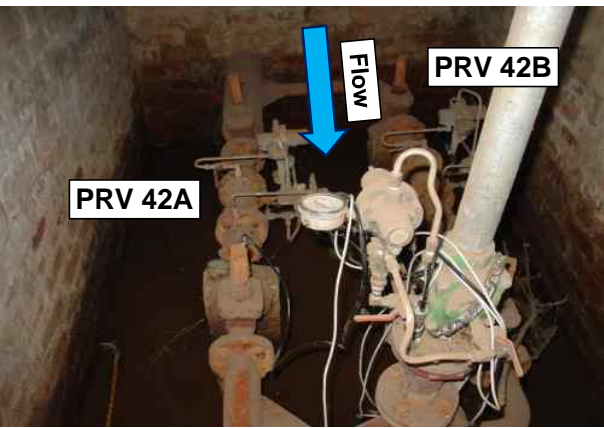


Comments / Recommendations:

- 1) Installation photo is outdated. Control circuits was retrofitted.
- 2) PRV is not operational as upstream pressure is lower than proposed setting. PRV must be set to 20m fixed outlet pressure.


		Control Valve Reference Number: 42A & 42B	
PRESSURE MANAGEMENT INSTALLATION DETAILS			
Depot: 3 - Sebokeng	Zone:	Pressure Management Area: Boitumelo	
Inspection Date: 2009/07/09	Street Address: Ekuthuleni St cnr Golden Highway		
GPS Co-ordinates (dd, dddd°)	South: 26.55669	East: 27.82905	Elevation (m amsl): 1493

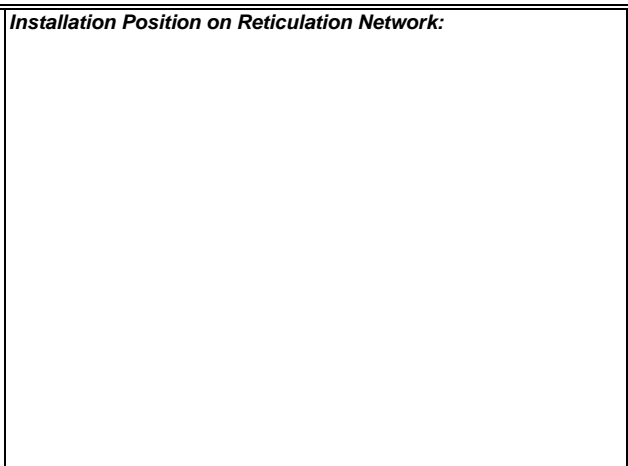
Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	41A	41B	PMAC ID:	None	None
Make:	Bermad	Bermad	Controller High Setting (m):	None	None
Size: (mm):	50	50	Controller High Time:	None	None
Static Upstream Pressure (m):	36	36	Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	26	16	Controller Low Time:	None	None

<p>Chamber Locality Photo:</p> 	<p>Control Valve Installation Photo:</p> 
--	---

<p>Locality Map for Installation:</p> 	<p>Installation Position in Reticulation Network:</p> 
--	--


Comments / Recommendations:

		Critical Point Reference Number: 9	
CRITICAL PRESSURE POINT INSTALLATION DETAILS			
Depot:	3 - Sebokeng	Zone:	Boitumelo
Inspection Date:	2009/07/09	Street Address:	President Mandela cnr Golden Highway
GPS Co-ordinates (dd, dddd°)	South: 26.56278	East: 27.82746	Elevation (m amsl): 1499
Critical Point Logger Details:		Critical Point Pressures:	
Logger Type:	Technolog, Cello	Minimum Pressure at Critical Point (m):	5
PMAC ID:	3005	Maximum Pressure at Critical Point (m):	30

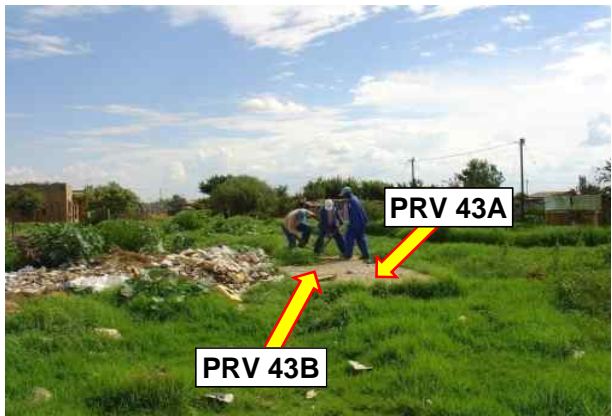
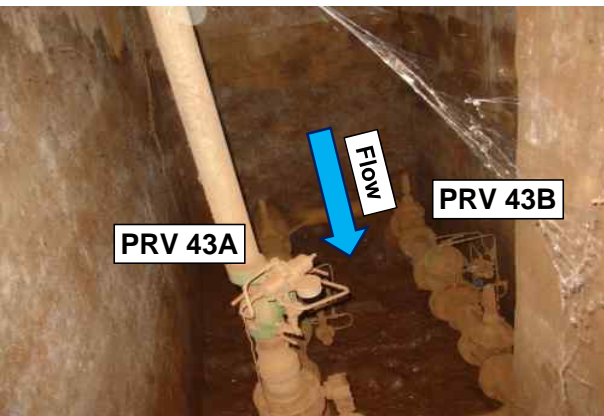


Comments / Recommendations:

1) Flow logging is not operational. Meter is not giving any pulses.


		Control Valve Reference Number: 43A & 43B	
PRESSURE MANAGEMENT INSTALLATION DETAILS			
Depot: 3 - Sebokeng	Zone:	Pressure Management Area:	Kanana
Inspection Date: 2009/07/09	Street Address: In open field, next to Stand 72551		
GPS Co-ordinates (dd, dddd°)	South: 26.55596	East: 27.83623	Elevation (m amsl): 1504

Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	43A	43B	PMAC ID:	None	None
Make:	Bermad	Bermad	Controller High Setting (m):	None	None
Size: (mm):	80	80	Controller High Time:	None	None
Static Upstream Pressure (m):			Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	30	20	Controller Low Time:	None	None

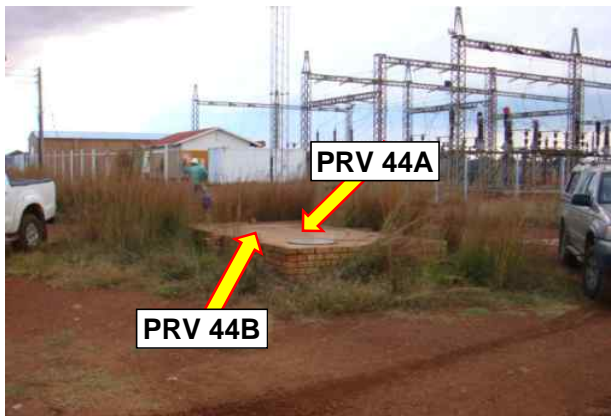
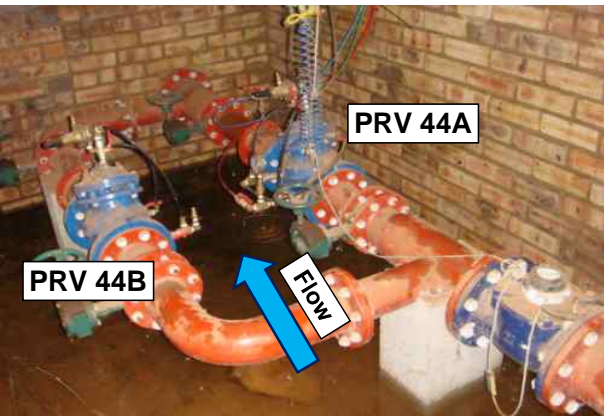
<p>Chamber Locality Photo:</p> 	<p>Control Valve Installation Photo:</p> 
--	---

<p>Locality Map for Installation:</p> 	<p>Installation Position in Reticulation Network:</p>
--	--

Comments / Recommendations:
1) Chamber is buried below rubbish dump. Information was obtained from previous investigations.


		Control Valve Reference Number: 44A & 44B	
PRESSURE MANAGEMENT INSTALLATION DETAILS			
Depot: 4 - Evaton	Zone:	Pressure Management Area: Ironsyde	
Inspection Date: 2009/07/09	Street Address: Nigel Rd cnr Michael Rd - North Chamber		
GPS Co-ordinates (dd,dddd°)	South: 26.52332	East: 27.90308	Elevation (m amsl): 1540

Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	44A	44B	PMAC ID:	3512	None
Make:	Bermad	Bermad	Controller High Setting (m):	None	None
Size: (mm):	100	100	Controller High Time:	None	None
Static Upstream Pressure (m):			Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	35	25	Controller Low Time:	None	None

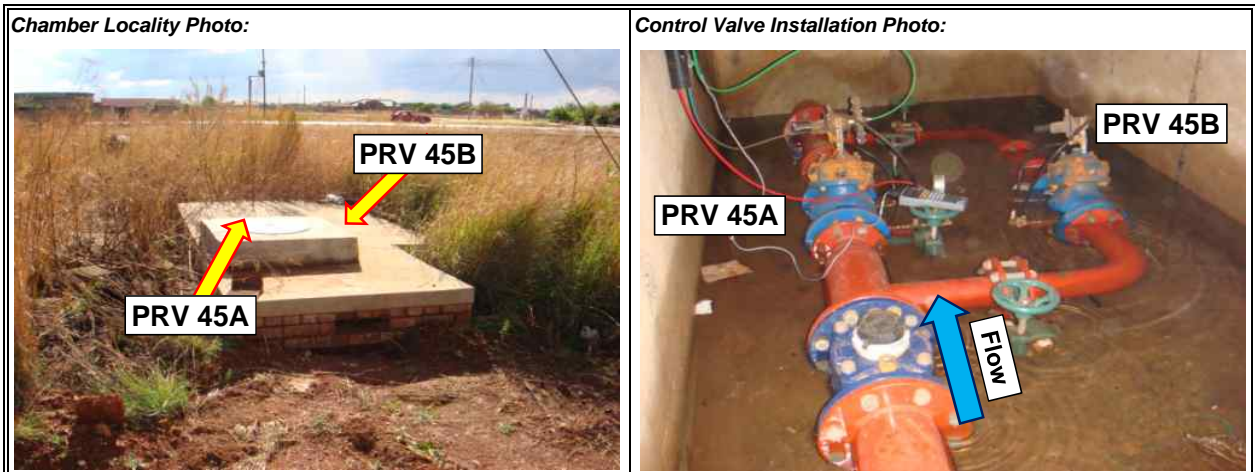
<p>Chamber Locality Photo:</p> 	<p>Control Valve Installation Photo:</p> 
--	---

<p>Locality Map for Installation:</p> 	<p>Installation Position in Reticulation Network:</p> 
--	--

Comments / Recommendations:
1) There is a leak in the chamber from the meter strainer. Repair leak.


 A Miya Group Company		Control Valve Reference Number: 45A & 45B	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 4 - Evaton	Zone:	Pressure Management Area: Ironsyde	
Inspection Date: 2009/07/09	Street Address: Close to St Patric Rd cnr Johannesburg Rd, in open field - Central Chamber		
GPS Co-ordinates (dd,dddd°)	South: 26.52638	East: 27.90170	Elevation (m amsl): 1540

Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	45A	45B	PMAC ID:	3513	None
Make:	Bermad	Bermad	Controller High Setting (m):	None	None
Size: (mm):	100	100	Controller High Time:	None	None
Static Upstream Pressure (m):			Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	35	25	Controller Low Time:	None	None

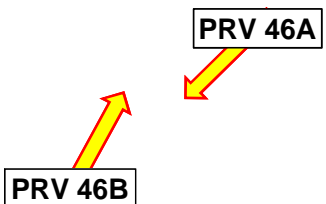
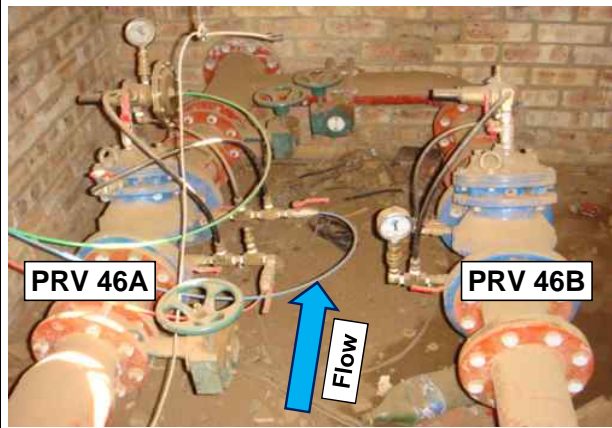


Comments / Recommendations:

1) Chamber is flooded. Repair leak.


 <p style="font-size: small;">A Miya Group Company</p>		Control Valve Reference Number: 46A & 46B	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 4 - Evaton	Zone:	Pressure Management Area: Ironsyde	
Inspection Date: 2009/07/09	Street Address: In open field, next to Stand 72551 - South Chamber		
GPS Co-ordinates (dd, dddd°)	South: 26.55596	East: 27.83623	Elevation (m amsl): 1531

Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	46A	46B	PMAC ID:	3514	None
Make:	Bermad	Bermad	Controller High Setting (m):	None	None
Size: (mm):	100	100	Controller High Time:	None	None
Static Upstream Pressure (m):			Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	44	34	Controller Low Time:	None	None


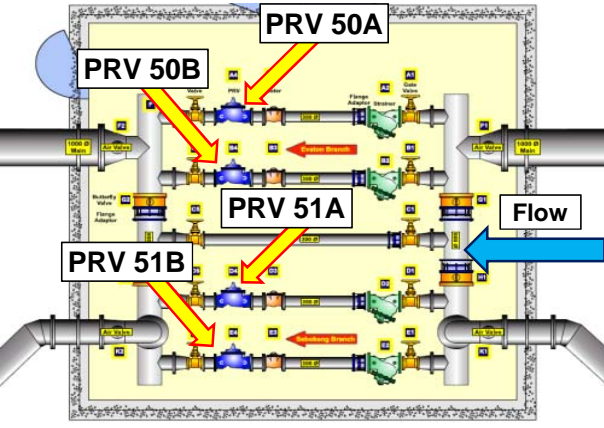
<p>Chamber Locality Photo:</p> 	<p>Control Valve Installation Photo:</p> 
--	---

<p>Locality Map for Installation:</p> 	<p>Installation Position in Reticulation Network:</p> 
--	--

Comments / Recommendations:


 <p style="font-size: small;">A Miya Group Company</p>		Control Valve Reference Number: 50A & 50B	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 3 - Sebokeng	Zone:	Pressure Management Area: Evaton	
Inspection Date: 2009/09/29	Street Address: 5th Ave cnr 2nd St		
GPS Co-ordinates (dd, dddd°)	South: 26.57033	East: 27.86270	Elevation (m amsl): 1540

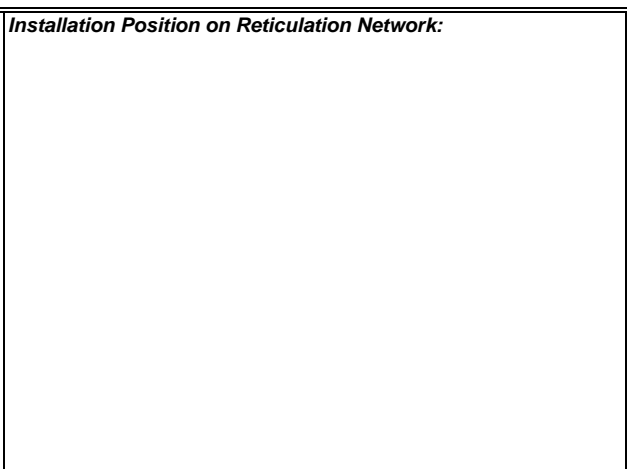
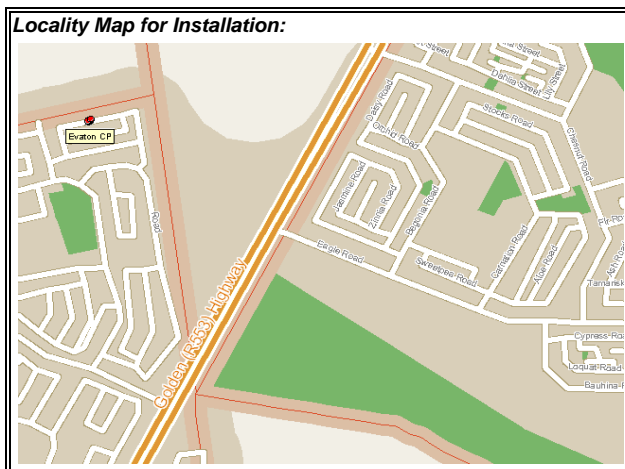
Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	50A	50B	PMAC ID:	2001	None
Make:	Baker	Baker	Controller High Setting (m):	40	None
Size: (mm):	300	300	Controller High Time:	04:00	None
Static Upstream Pressure (m):	65	65	Controller Low Setting (m):	20	None
Downstream Pressure Setting (m):	40	40	Controller Low Time:	00:00	None

<p>Chamber Locality Photo:</p> 	<p>Control Valve Installation Photo:</p> 
--	---


<p>Locality Map for Installation:</p> 	<p>Installation Position in Reticulation Network:</p> 
--	--

Comments / Recommendations:

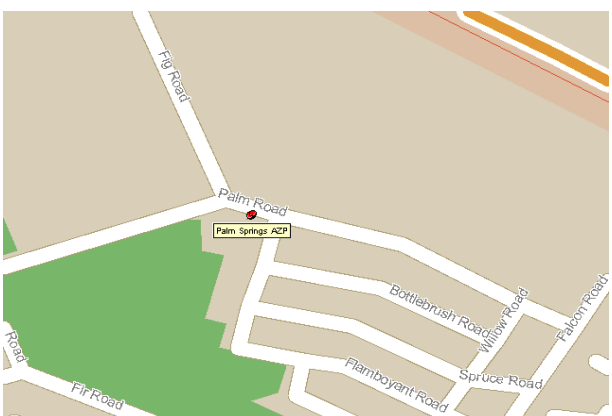
		Critical Point Reference Number: 13	
CRITICAL PRESSURE POINT INSTALLATION DETAILS			
Depot:	4 - Evaton	Zone:	Pressure Management Area: Evaton
Inspection Date:	2009/07/09	Street Address:	Unknown Street Name
GPS Co-ordinates (dd, dddd°)	South: 26.49700	East: 27.82502	Elevation (m amsl): 1549
Critical Point Logger Details:		Critical Point Pressures:	
Logger Type:	Technolog, Cello	Minimum Pressure at Critical Point (m):	
PMAC ID:	3001	Maximum Pressure at Critical Point (m):	




Comments / Recommendations:

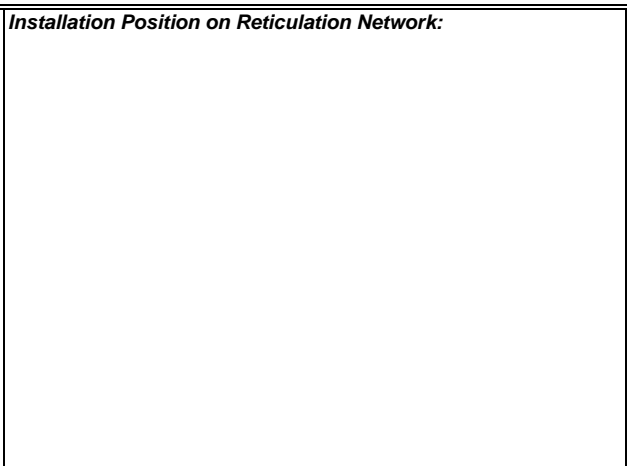
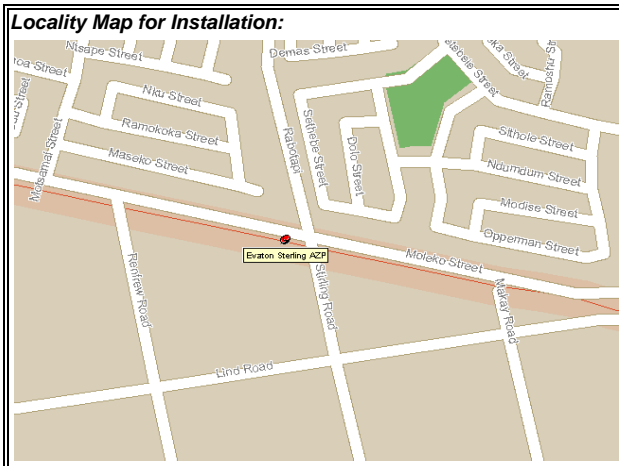
		Critical Point Reference Number: 14	
AVERAGE PRESSURE POINT INSTALLATION DETAILS			
Depot:	4 - Evaton	Zone:	Pressure Management Area: Evaton
Inspection Date:	2009/07/09	Street Address: Palm Rd cnr Flamboyant Rd	
GPS Co-ordinates (dd, dddd°)	South: 26.49765	East: 27.84247	Elevation (m amsl): 1445
Critical Point Logger Details:		Critical Point Pressures:	
Logger Type:	Technolog, Cello	Minimum Pressure at Critical Point (m):	
PMAC ID:	3008	Maximum Pressure at Critical Point (m):	

<p>Locality Photo:</p> 	<p>Installation Photo:</p> 
--	---


<p>Locality Map for Installation:</p> 	<p>Installation Position on Reticulation Network:</p>
--	--

<p>Comments / Recommendations:</p>

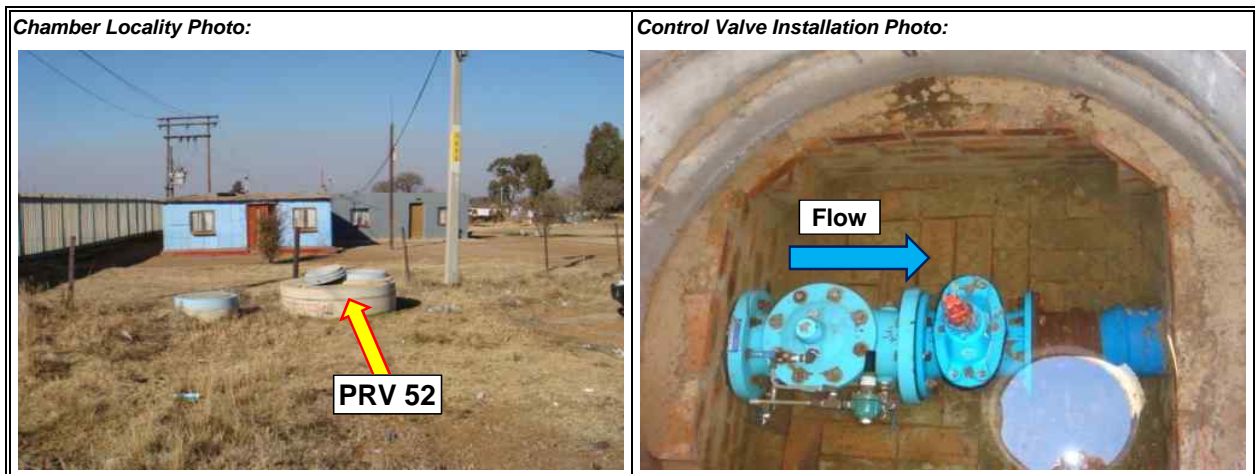
		Critical Point Reference Number: 15	
AVERAGE PRESSURE POINT INSTALLATION DETAILS			
Depot:	4 - Evaton	Zone:	
		Pressure Management Area:	Evaton
Inspection Date:	2009/07/09	Street Address: Sterling Rd cnr Sekontle Rd	
GPS Co-ordinates (dd,dddd°)	South: 26.51870	East: 27.85385	Elevation (m amsl): 1526
Critical Point Logger Details:		Critical Point Pressures:	
Logger Type:	Technolog, Cello	Minimum Pressure at Critical Point (m):	
PMAC ID:	3007	Maximum Pressure at Critical Point (m):	




Comments / Recommendations:

 <p>WRP A Miya Group Company</p>		Control Valve Reference Number: 52	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 4 - Evaton	Zone:	Pressure Management Area: Evaton	
Inspection Date: 2009/07/09	Street Address: West Rd cnr Ennis Rd		
GPS Co-ordinates (dd, dddd°)	South: 26.51383	East: 27.83189	Elevation (m amsl): 1529

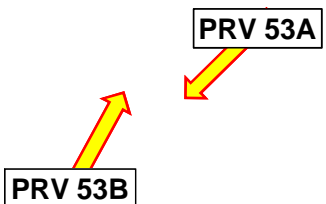
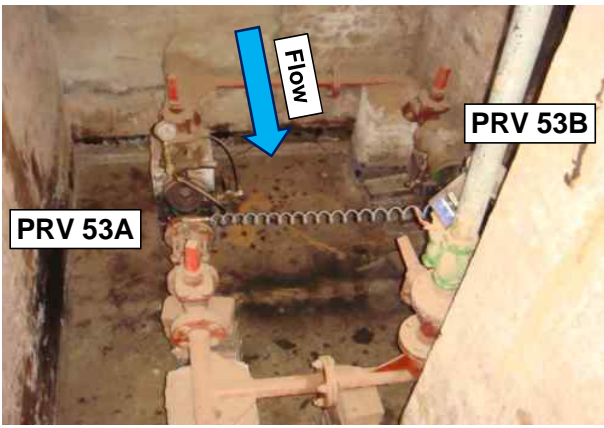
Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	52	None	PMAC ID:	None	None
Make:	Claval	None	Controller High Setting (m):	None	None
Size: (mm):	200	None	Controller High Time:	None	None
Static Upstream Pressure (m):	29	None	Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	24	None	Controller Low Time:	None	None



Comments / Recommendations:

 <p style="font-size: small;">A Miya Group Company</p>		Control Valve Reference Number: 53A & 53B	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 4 - Evaton	Zone:	Pressure Management Area: Evaton	
Inspection Date: 2009/07/09	Street Address: Unknown Street Name		
GPS Co-ordinates (dd,dddd°)	South: 26.52599	East: 27.88464	Elevation (m amsl): 1520


Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	53A	53B	PMAC ID:	None	None
Make:	Bermad	Bermad	Controller High Setting (m):	None	None
Size: (mm):	50	50	Controller High Time:	None	None
Static Upstream Pressure (m):			Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	Open	Open	Controller Low Time:	None	None



<p>Chamber Locality Photo:</p> 	<p>Control Valve Installation Photo:</p> 
--	---

<p>Locality Map for Installation:</p> 	<p>Installation Position in Reticulation Network:</p> 
--	--

Comments / Recommendations:


1) The PRV installations are not in use. Both PRV installations are set fully open.

		Critical Point Reference Number: 16	
AVERAGE PRESSURE POINT INSTALLATION DETAILS			
Depot:	4 - Evaton	Zone:	Pressure Management Area: Evaton
Inspection Date:	2009/07/09	Street Address: Unknown Street Name	
GPS Co-ordinates (dd, dddd°)	South: 26.52599	East: 27.88464	Elevation (m amsl): 1520
Critical Point Logger Details:		Critical Point Pressures:	
Logger Type:	Technolog, Cello	Minimum Pressure at Critical Point (m):	
PMAC ID:	3006	Maximum Pressure at Critical Point (m):	


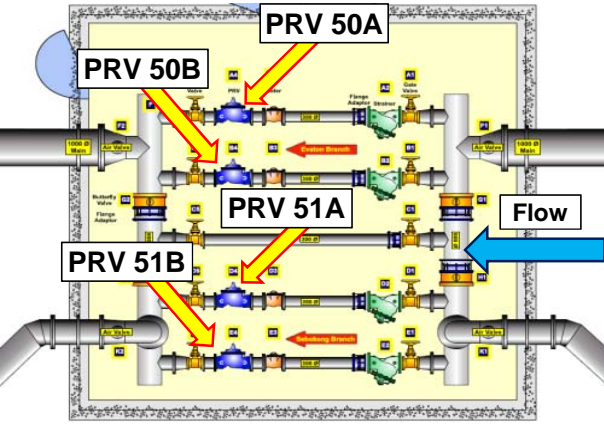
<p>Locality Photo:</p> 	<p>Installation Photo:</p> 
---	---

<p>Locality Map for Installation:</p> 	<p>Installation Position on Reticulation Network:</p>
--	--

<p>Comments / Recommendations:</p>


 <p style="font-size: small;">A Miya Group Company</p>		Control Valve Reference Number: 51A & 51B	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 3 - Sebokeng	Zone:	Pressure Management Area: Sebokeng	
Inspection Date: 2009/09/29	Street Address: 5th Ave cnr 2nd St		
GPS Co-ordinates (dd,dddd°)	South: 26.57033	East: 27.86270	Elevation (m amsl): 1540


Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	51A	51B	PMAC ID:	2001	None
Make:	Baker	Baker	Controller High Setting (m):	35	None
Size: (mm):	300	300	Controller High Time:	05:00	None
Static Upstream Pressure (m):	65	65	Controller Low Setting (m):	25	None
Downstream Pressure Setting (m):	35	35	Controller Low Time:	00:00	None

<p>Chamber Locality Photo:</p> 	<p>Control Valve Installation Photo:</p> 
--	---

<p>Locality Map for Installation:</p> 	<p>Installation Position in Reticulation Network:</p> 
--	--


Comments / Recommendations:

 <p>WRP A Miya Group Company</p>		Critical Point Reference Number: 17	
		<h3>CRITICAL PRESSURE POINT INSTALLATION DETAILS</h3>	
Depot: 3 - Sebokeng	Zone:	Pressure Management Area: Sebokeng	
Inspection Date: 2009/07/09	Street Address:		
GPS Co-ordinates (dd, dddd°)	South: 26.58254	East: 27.83957	Elevation (m amsl): 1523
Critical Point Logger Details:		Critical Point Pressures:	
Logger Type:	Technolog, Cello	Minimum Pressure at Critical Point (m):	
PMAC ID:	3002	Maximum Pressure at Critical Point (m):	

<p>Locality Photo:</p> <div style="text-align: center; margin-top: 100px;">  </div>	<p>Installation Photo:</p>
---	-----------------------------------


<p>Locality Map for Installation:</p> 	<p>Installation Position on Reticulation Network:</p>
--	--

<p>Comments / Recommendations:</p> <p>1) Installation to be moved to new installation position as indicated on locality map.</p>

		Critical Point Reference Number: 18	
AVERAGE PRESSURE POINT INSTALLATION DETAILS			
Depot:	3 - Sebokeng	Zone:	
		Pressure Management Area:	Sebokeng
Inspection Date:	2009/07/09	Street Address: Moshoeshoe Rd at Clinix	
GPS Co-ordinates (dd, dddd°)	South: 26.61680	East: 27.84860	Elevation (m amsl): 1517
Critical Point Logger Details:		Critical Point Pressures:	
Logger Type:	Technolog, Cello	Minimum Pressure at Critical Point (m):	
PMAC ID:	3006	Maximum Pressure at Critical Point (m):	



Comments / Recommendations:


 <p style="font-size: small;">A Miya Group Company</p>		Control Valve Reference Number: 54	
		PRESSURE MANAGEMENT INSTALLATION DETAILS	
Depot: 3 - Sebokeng	Zone:	Pressure Management Area: Sebokeng	
Inspection Date:	Street Address: De Waal Rd cnr Golden Highway		
GPS Co-ordinates (dd,dddd°)	South:	East:	Elevation (m amsl): 1493

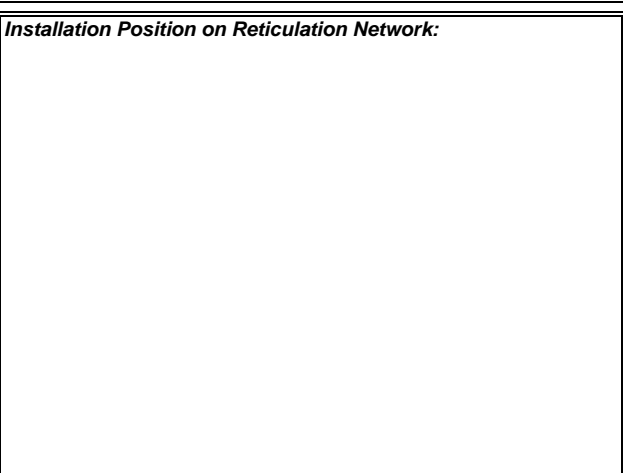
Control Valve Details:	Main	By-Pass	Controller Details:	Primary	Secondary
PRV Reference Number:	54	None	PMAC ID:	None	None
Make:	Claval	None	Controller High Setting (m):	None	None
Size: (mm):	100	None	Controller High Time:	None	None
Static Upstream Pressure (m):		None	Controller Low Setting (m):	None	None
Downstream Pressure Setting (m):	20	None	Controller Low Time:	None	None



Installation Position in Reticulation Network:

Comments / Recommendations:

		Critical Point Reference Number: 19	
CRITICAL PRESSURE POINT INSTALLATION DETAILS			
Depot:	3 - Sebokeng	Zone:	Sebokeng
Inspection Date:	Street Address: De Waal Rd cnr Golden Highway		
GPS Co-ordinates (dd, dddd°)	South:	East:	Elevation (m amsl): 1493
Critical Point Logger Details:		Critical Point Pressures:	
Logger Type:	Technolog, Cello	Minimum Pressure at Critical Point (m):	20
PMAC ID:	3003	Maximum Pressure at Critical Point (m):	20



Comments / Recommendations:
