

The logo consists of the text "Energy in action." in a blue sans-serif font, with a trademark symbol (TM) to the right of "action.". The text is positioned in the upper left corner of a large, light brown rounded rectangle. Below this rectangle are three smaller, overlapping light brown rectangles of varying sizes and orientations, creating a stepped effect. In the bottom right corner of the entire graphic is the AGL logo, which features a blue square with a white sunburst icon and the letters "AGL" in white.The AGL logo is a blue square containing a white sunburst icon to the left of the letters "AGL" in white.

AGL UPSTREAM INVESTMENTS PTY LTD

GLOUCESTER GAS PROJECT

**January 2015 Water Monitoring Report
Waukivory Pilot Project: Fracture Stimulation and
Flow Test
EPL 20358**

Reporting Period: November - December 2014

AGL Upstream Investments Pty Ltd

ABN 58 115 063 744

Locked Bag 1837, St Leonards NSW 2065

Level 22, 101 Miller Street, North Sydney NSW 2060

Telephone: 02 9921 2999 Facsimile: 02 9921 2474

Complaints Line (24 hours): 1300 799 716



Foreword

PREMISES	Gloucester Coal Seam Gas Project Bucketts Way Gloucester NSW 2422
LICENCE DETAILS	<u>Environment Protection Licence 20358</u>
LICENCEE	AGL Upstream Investments Pty Limited (AGL)
LICENCEE'S ADDRESS	Locked Bag 1837, North Sydney, NSW 2060
MONITORING DATE(s)	12, 17, 18, 20, 24, 26, and 27 November, 2014
MONITORING BY	Parsons Brinckerhoff, on behalf of AGL
ANALYSIS BY	ALS Laboratory, Smithfield (Work order numbers: ES1425853, ES1426054, ES1424868, ES1425545, ES1425638, and ES1425363)
DATE AGL OBTAINED DATA	19 December 2014 and 13 January 2015
REPORT DATE	13 January 2015
REPORT PREPARED BY	James Duggleby, Senior Hydrogeologist

Table 1: Waukivory Pilot Project water monitoring points (as per EPL 20358)..... 5

Figure 1: Location of groundwater and surface water quality monitoring points:
Waukivory Pilot Program (as per EPL 20358)..... 6

Appendix A - Table 2: Analytes monitored and frequency required for monitoring points in
Table 1 (as per EPL 20358)

Appendix B – Table 3: Water quality monitoring data for points 7, 8, 9

Appendix B – Table 4: Water quality monitoring data for points 10, 11, 12, 90 and 91

Appendix C - Table 5: Continuous water level monitoring results for monitoring points 10,
11, 12, 14 and 90 for the period 1 - 31 December 2014

Introduction

AGL is proposing to build the Gloucester Gas Project (GGP) which comprises several stages of development facilitating the extraction of coal seam gas (CSG) from the Gloucester Basin. Concept plan and project approval (Part 3A Approval) for the Stage 1 Gas Field Development Area (GFDA) was granted on 22 February 2011 under Part 3A of the Environmental Planning and Assessment Act (1979) (EP&A Act). In addition the project received approval under the Environment Protection and Biodiversity Conservation Act (1999) (EPBC Act) (EPBC Approval) on 11 February 2013.

The GGP will involve depressurising of deep groundwater and the extraction of gas from multiple coal seams within the Gloucester coal measures. Target coal seam depths will vary from site to site but are expected to range between 200 and 1,000 m below ground level (mbgl). The current GGP includes the construction, operation, and decommissioning of not more than 110 coal seam gas wells and associated infrastructure, including gas and water gathering lines within the Stage 1 GFDA. A comprehensive groundwater investigation (Phase 2 Groundwater Investigations) was completed in early 2012 to confirm the hydrogeological conceptual model across the Stage 1 GFDA (PB, 2012). Surface water and groundwater investigations are ongoing.

The GGP has Environment Protection Licence (EPL 20358) for coal seam gas activities. This Monitoring Report relates to the water monitoring activities specified in Part 5, Monitoring and Recording Conditions, of EPL 20358. This report relates specifically to the monitoring surrounding the Waukivory Pilot Project, and details:

- a) Monitoring results from a sampling event one week after the completion of the fracture stimulation of AGL gas well WK13 – 12 November 2014;
- b) Monitoring results from a sampling event within 24 hours of the completion of the fracture stimulation of AGL gas well WK14 – 17 and 18 November 2014;
- c) Monitoring results from sampling events at two weeks after the completion of the fracture stimulation of AGL gas well WK13 – 20 November 2014;
- d) Monitoring results from a sampling event within 24 hours of the completion of the fracture stimulation of AGL gas well WK12 – 20 November 2014;
- e) Monitoring results from a sampling event one week after the completion of fracture stimulation at AGL gas well WK14 – 24 November 2014;
- f) Monitoring results from a sampling event within 24 hours of the completion of the fracture stimulation of AGL gas well WK11 – 26 and 27 November 2014;
- g) Monitoring results from a sampling event one week after the completion of fracture stimulation at AGL gas well WK12 – 27 November 2014.

As per the EPL, monitoring encompasses the monitoring points at the locations as shown in

Table 1 and Figure 1. The specific analytes and frequency tested are shown in Appendix A. The monitoring results for this reporting period are shown in Appendix B and Appendix C.

The monitoring points that are the subject of this report are part of the GGP groundwater and surface water monitoring network, as described in AGL's Surface and Groundwater Management Plan (SGMP) for the Waukivory Pilot Project (AGL, 2014).

Three methods were used to obtain groundwater and surface water samples:

- A submersible pump at groundwater monitoring bores screened within relatively permeable geological materials i.e. monitoring point 90 (12V pump) and monitoring point 91 (240V pump).
- A micro-purge™ low flow sampling pump at groundwater monitoring points 10, 11 and 12. The micro-purge™ system allows groundwater to be drawn into the pump intake directly from the screened portion of the aquifer, eliminating the need for excessive groundwater purging.
- A telescopic sampler to collect grab samples from the surface water monitoring points 7, 8 and 9.

EC and pH were monitored during purging to ensure that they had stabilised prior to sample collection. The water quality samples are analysed by an external NATA certified laboratory (ALS Environmental, Smithfield), in accordance with the EPA Approved Methods Publication "*Approved Methods for the Sampling and Analysis of Water Pollutants in New South Wales*" (EPA, 2004), with the exception of:

- Methane, which was analysed with a laboratory developed in-house technique which offers high resolution based on the "*Technical Guidance for Natural Attenuation Indicators: Methane, Ethane and Ethene*" (USEPA, 2002). The EPA have acknowledged that this method is a suitable technique for detecting dissolved methane in water (EPA, 2014a).
- Nitrogen, which was analysed using an updated persulphate digestion method based on the "*Standard Methods for the Examination of Water and Wastewater: 22nd Edition*" (APHA, 2012). The EPA have acknowledged that this method is a suitable technique for detecting total nitrogen in water (EPA, 2014a).
- Monoethanolamine borate, which was analysed for monoethanolamine using the Liquid Chromatography Triple Quadruple Mass Spectrometry (LC/MSMS) method. The EPA have acknowledged that this method is a suitable technique for representing detections of monoethanolamine borate in water (EPA, 2014b).
- Sodium hypochlorite, where detections of free and total residual chlorine were used as a proxy. The EPA have acknowledged that this method is a suitable technique for representing detections of sodium hypochlorite in water (EPA, 2014a).

At the time of original analysis of the water samples subject of this report, the EPA was still considering AGL's proposed methodology for Tetrakis (Hydroxymethyl) Phosphonium Sulphate (THPS) analysis. On 19 December 2014 the EPA approved in writing AGL's proposed ultra-High Performance Liquid Chromatography methodology with UV detection (uHPLC-UV), based on NIOSH 5046 (EPA, 2014c). Samples collected prior to this date were stored on ice and are currently undergoing analysis; results will be presented in subsequent reports. Future water samples collected as part of EPL 20358 that require THPS analysis will be analysed using this approved methodology.

This report is prepared in accordance with the *Requirements for Publishing Pollution Monitoring Data* (EPA, 2012) (Publication Requirements).

The remaining water and land monitoring points in EPL 20358 will be reported in subsequent reports when the requirement for monitoring is triggered.

More information on the groundwater monitoring of the GGP is available on the project website: agl.com.au/Gloucester

Table 1: Waukivory Pilot Project water monitoring points (as per EPL 20358)

EPA Identification no.	Monitoring Point	Type of monitoring point	Easting (m)	Northing (m)
7	WKSW03	Stream gauge (surface water)	402486.36	6453090.65
8	WKSW02	Stream gauge (surface water)	402748.00	6452139.00
9	WKSW01	Stream gauge (surface water)	402069.00	6452241.00
10	WKMB01	Groundwater monitoring bore	402153.63	6452566.28
11	WKMB02	Groundwater monitoring bore	402575.54	6452572.49
12	WKMB03	Groundwater monitoring bore	402589.87	6452584.93
14	PL03	Vibrating wire piezometer (groundwater)	402633.90	6449898.67
85	WKMB05 ^a	Packer and piezometer completion (groundwater)	402576.59	6452128.62
86	WK11 ^b	Gas well	402419.02	6452589.82
87	WK12 ^b	Gas well	402748.92	6452883.77
88	WK13 ^b	Gas well	402416.74	6452164.46
89	WK14 ^b	Gas well	402906.10	6452384.08
90	GR-P3	Private groundwater bore	402905.50	6452518.71
91	GW080487	Private groundwater bore	401226.00	6454020.00

Notes:

^a = At the time of writing of this report, finalised data from monitoring point 85 was not yet obtained and will be reported in a subsequent report in accordance with the *Requirements for Publishing Pollution Monitoring Data* (EPA, 2012) (Publication Requirements)

^b = will be sampled/monitored and reported as results are obtained from the commencement of the flow testing program for each individual well (in accordance with the *Requirements for Publishing Pollution Monitoring Data* (EPA, 2012) (Publication Requirements)

Coordinate reference system: Map Grid of Australia 1994

Figure 1: Location of groundwater and surface water quality monitoring points: Waukivory Pilot Program (as per EPL 20358)



References

AGL, 2014. Surface Water and Groundwater Management Plan for the Waukivory Pilot Program – Gloucester Gas Project. Available online: http://www.resourcesandenergy.nsw.gov.au/data/assets/pdf_file/0007/532942/FinalversionoftheSGMPfortheWaukivoryPilot-Oct2014.pdf

APHA, 2012. Standard Methods for the Examination of Water and Wastewater: 22nd Edition.

Environment Protection Authority (EPA), 2014a. Letter correspondence to AGL Energy Limited. EPA reference: DOC14/192084-03; SF14/602, delivered on the 20 October 2014, signed: Carmen Dwyer, Special Project Manager – Coal Seam Gas.

Environment Protection Authority (EPA), 2014b. Letter correspondence to AGL Energy Limited. EPA reference: DOC14/279381-01; SF14/602, delivered on the 1 December 2014, signed: Brett Nudd, Acting Special Project Manager – Coal Seam Gas.

Environment Protection Authority (EPA), 2014c. Letter correspondence to AGL Energy Limited. EPA reference: DOC14/279381-12; SF14/602, delivered on the 19 December 2014, signed: Jessica Creed, Acting Unit Head – Coal Seam Gas.

Environment Protection Authority (EPA), 2004. Approved Methods for the Sampling and Analysis of Water Pollutants in New South Wales, The Department of Environment and Conservation, Sydney, Australia. Available online: <http://www.environment.nsw.gov.au/resources/water/approvedmethods-water.pdf>

Parsons Brinckerhoff (PB), 2012. Phase 2 Groundwater Investigations – Stage 1 Gas Field Development Area, Gloucester Gas Project. Report dated January 2012, PR_5630. Available online: <http://www.agl.com.au/~//media/AGL/About%20AGL/Documents/How%20We%20Source%20Energy/CSG%20and%20the%20Environment/Gloucester/Assessments%20and%20Reports/2012/January/PB%20Gloucester%20Groundwater%20Report%20Phase%202%20Appendices%20E-P.pdf>

The State of NSW and Environment Protection Authority (EPA), 2012. Requirements for publishing pollution monitoring data. Environment Protection Authority, Sydney, Australia. Available online: <http://www.epa.nsw.gov.au/resources/licensing/130742reqpubpmdata.pdf>

USEPA, 2002. Technical Guidance for the Natural Attenuation Indicators: Methane, Ethane, and Ethene. Available online: <http://www.epa.gov/region1/measure/Natatten.pdf>

Appendix A - Table 2: Analytes monitored and frequency required for monitoring points in Table 1 (as per EPL 20358)

Pollutant	Units of measure	Monitoring points											
		7,8,9		10,11,12		14,85		86,87,88,89		90		91	
		Frequency	Sampling method	Frequency	Sampling method	Frequency	Sampling method	Frequency	Sampling method	Frequency	Sampling method	Frequency	Sampling method
Aluminium	milligrams per litre	Special Frequency 5	Grab sample	Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Ammonia	milligrams per litre			Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Arsenic	milligrams per litre	Special Frequency 5	Grab sample	Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Barium	milligrams per litre	Special Frequency 5	Grab sample	Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Beryllium	milligrams per litre	Special Frequency 5	Grab sample	Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Bicarbonate	milligrams per litre	Special Frequency 5	Grab sample	Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Boron	milligrams per litre	Special Frequency 5	Grab sample	Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Cadmium	milligrams per litre	Special Frequency 5	Grab sample	Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Calcium	milligrams per litre	Special Frequency 5	Grab sample	Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Carbonate	milligrams per litre	Special Frequency 5	Grab sample	Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Chloride	milligrams per litre	Special Frequency 5	Grab sample	Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Chromium	milligrams per litre	Special Frequency 5	Grab sample	Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Cobalt	milligrams per litre	Special Frequency 5	Grab sample	Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Copper	milligrams per litre	Special Frequency 5	Grab sample	Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Electrical conductivity	microsiemens per centimetre	Special Frequency 5	Grab sample	Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Fluoride	milligrams per litre	Special Frequency 5	Grab sample	Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Iron	milligrams per litre	Special Frequency 5	Grab sample	Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Lead	milligrams per litre	Special Frequency 5	Grab sample	Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Magnesium	milligrams per litre	Special Frequency 5	Grab sample	Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Manganese	milligrams per litre	Special Frequency 5	Grab sample	Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Mercury	milligrams per litre	Special Frequency 5	Grab sample	Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Methane	milligrams per litre			Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Molybdenum	milligrams per litre	Special Frequency 5	Grab sample	Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Monoethanolamine Borate	micrograms per litre	Special Frequency 5	Method approved in writing by the Authority	Special Frequency 3	Method approved in writing by the Authority			Special Frequency 4	Method approved in writing by the Authority	Special Frequency 3	Method approved in writing by the Authority	Special Frequency 3	Method approved in writing by the Authority
Nickel	milligrams per litre	Special Frequency 5	Grab sample	Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Nitrate	milligrams per litre			Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Nitrite	milligrams per litre			Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
pH	pH	Special Frequency 5	Grab sample	Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Phosphorus (total)	milligrams per litre			Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Potassium	milligrams per litre	Special Frequency 5	Grab sample	Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Reactive Phosphorus	milligrams per litre			Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Selenium	milligrams per litre	Special Frequency 5	Grab sample	Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Silica	milligrams per litre	Special Frequency 5	Grab sample	Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Sodium	milligrams per litre	Special Frequency 5	Grab sample	Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Sodium Hypochlorite	milligrams per litre	Special Frequency 5	Method approved in writing by the Authority	Special Frequency 3	Method approved in writing by the Authority			Special Frequency 4	Method approved in writing by the Authority	Special Frequency 3	Method approved in writing by the Authority	Special Frequency 3	Method approved in writing by the Authority
Standing water level	meters (Australian Height Datum)			Special Frequency 8	Special Method 5	Special Frequency 8	Special Method 5	Special Frequency 9	Special Method 3	Special Frequency 8	Special Method 5	Special Frequency 6	Special Method 1
Strontium (dissolved)	milligrams per litre	Special Frequency 5	Grab sample	Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Sulfate	milligrams per litre	Special Frequency 5	Grab sample	Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
THPS (Phosphonium, Tetrakis (Hydroxymethyl-sulfate))	micrograms per litre	Special Frequency 5	Method approved in writing by the Authority (after the data was received for this report)	Special Frequency 3	Method approved in writing by the Authority (after the data was received for this report)			Special Frequency 4	Method approved in writing by the Authority (after the data was received for this report)	Special Frequency 3	Method approved in writing by the Authority (after the data was received for this report)	Special Frequency 3	Method approved in writing by the Authority (after the data was received for this report)
Total dissolved solids	milligrams per litre	Special Frequency 5	Grab sample	Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Total organic carbon	milligrams per litre	Special Frequency 5	Grab sample	Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Total suspended solids	milligrams per litre			Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Uranium	milligrams per litre	Special Frequency 5	Grab sample	Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Vanadium	milligrams per litre	Special Frequency 5	Grab sample	Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample
Zinc	milligrams per litre	Special Frequency 5	Grab sample	Special Frequency 3	Grab sample			Special Frequency 4	Grab sample	Special Frequency 3	Grab sample	Special Frequency 3	Grab sample

Notes:

Special Frequency 3 – One sampling event before the Waukivory Pilot Project fracture stimulation commences, one sampling event within 24 hours of the completion of the fracture stimulation of each well, and one sample at week 2 and week 4 after the completion of the Waukivory Pilot Project fracture stimulation.

Special Frequency 4 – Every fortnight for 8 weeks from the commencement of the Waukivory pilot flow testing, then every 2 months thereafter until the cessation of the Waukivory pilot flow testing.

Special Frequency 5 – One sampling event within 24 hours of the completion of the fracture stimulation of each well, and one sampling event one week after the completion of the fracture stimulation of each well, and one sampling event every 6 months thereafter until the cessation of the Waukivory pilot flow testing.

Special Frequency 6 – One monitoring event to determine water level prior to the Waukivory Pilot Project fracture stimulation.

Special Frequency 8 – Every 6 hours

Special Frequency 9 – Every 6 hours when using an automated datalogger, or, once every fortnight using a Sonolog in the event of failure of an automated datalogger.

Special method 1 - manual dip

Special method 3 - Use of an automated datalogger. As a back up contingency, by use of Sonolog in the event of an automated datalogger.

Special method 5 - Automated datalogger

Shaded grey = not required to be analysed



Appendix C - Table 4: Continuous water level monitoring results for monitoring points 10, 11, 12, 14, 90 for the period 1 - 31 December 2014

Monitoring point	10	11	12	14		90
Location	WKMB01	WKMB02	WKMB03	PL03	PL03	GR-P3
				Sensor 2	Sensor 3	
Data type	Standing Water Level					
Units	mAHD (metres (Australian Height Datum))					
Data date range	01/12/14 - 31/12/14					
Date data downloaded	12/01/2015	12/01/2015	12/01/2015	12/01/2015	12/01/2015	12/01/2015
Date data supplied to AGL	13/01/2015	13/01/2015	13/01/2015	13/01/2015	13/01/2015	13/01/2015
Monitoring frequency required by licence	Every 6 hours	Every 6 hours	Every 6 hours	Every 6 hours	Every 6 hours	Every 6 hours
No. of times measured during monitoring period	124	124	124	124	124	124
Min. value	91.4	95.6	94.6	86.8	45.5	96.6
Mean value	95.0	95.7	97.9	87.2	47.2	96.6
Median value	95.1	95.7	97.9	87.2	47.2	96.6
Max. value	95.2	95.9	98.1	87.6	49.0	96.7

