# Register of Regulated Dams

**Document No. QCLNG-BF03-WAT-LST-000001**
**Date 02/03/2016**

## DOCUMENT INFORMATION SHEET

**TITLE: Register of Regualted Dams**

**PURPOSE AND SCOPE**

The purpose of this Register of Regulated Dams is to provide a tool for QGC to document and manage key information about the design, management and monitoring of Regulated Dams, which are an essential element of gas field development and the management of CSG water.

The Register of Regulated Dams provides a consolidated list of regulated dams across the QGC gasfield and under development.
These dams may be required at various stages in the development of a gas field, moving from exploration to initial production and finally full water management system development.

The following types of dams are detailed:
- CSG Water Aggregation,
- Exploration and Appraisal,
- Regional Storage & Infield Storage
- Compression Facilities Oily Water & Process Ponds
- RO Reject & Concentrated Brine and
- WTP Process Ponds

(defined as dams required for water treatment and management; i.e. Sedimentation, Clean in Place (CIP) & Treated Water)

This Register of Regulated Dams provides a consolidated document containing all relevant information required under the Conditions of QGC's Environmental Authorities for resource activities (other than a mining activity).

This register requires that all existing regulated dams (significant or high hazard dams, including dams where design plans or hazard category assessments have been submitted to DEHP) to be catalogued within the register and provided to the administering authority upon request.

**Revision Record**

| Issue | Date | Reason for Issue |
|---|---|---|
| 6 | 13/02/2012 | Submission to DERM |
| 7 | 26/07/2012 | Submission to DEHP |
| 8 | 11/07/2013 | Submission to DEHP |
| 9 | 21/11/2013 | Submission to DEHP |
| 10 | 15/01/2015 | Submission to DEHP |
| 11 | 31/03/2016 | Submission to DEHP |
| 12 | | |
| 13 | 13/03/2017 | Submission to DEHP |

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| | | |
|---|---|---|
| Pond Location | Footprint Area | Design Storage Allowance |
| Pond Name | Surface Area @ MOL | Pond Tag Identifier |
| Tenement | Pond Dimensions | Construction Certification Date |
| Short and Long Term Purposes | Max. Storage Volume @ MOL | Certifier Details |
| Construction Status | Pond Crest Volume | Gauge Reading - 1 Nov |
| Operational Status | Spillway Crest Volume | Pond Volume - 1 Nov |
| Date of Entry | Max. Pond Depth | Dates of Inspection (storage) |
| Pond Liner Details | Pond Crest Level | Dates of Inspection Report |
| Pond Seepage Detection System | Max Operating Level | Dates of Inspection (seepage) |
| Hazard Category | Mandatory Reporting Level | Dam Water Quality - 1 Nov |
| | Spillway Crest Level | Name, date & ref# of Design Plan |

## Document Explanatory Notes

**Information Management**

QGC has prepared the data in the attached Register with the most recent and up to date information available at the time of publication.

QGC is committed to a continued process to review, verify and update the data in the attached register to ensure consistency with current operations and continue to progress works to verify and collect outstanding information for population into the register.

**Water Quality**

QGC inputs and retains all pond water quality sampling and analysis records in an internal database management system using Envirosys software. The QGC Envirosys Database is an externally provided data management system produced by SRA Information Technology.Pond Water Quality results can be accessed and reported by request from QGC.

**Certification**

I sch4p4( 6) Pe acting as a delegate of the QGC chief executive officer, have reviewed this Register of Regulated Dams and hereby approve all entries.

Signature: sch4p4( 6) Personal information Date: 13 / 03 / 2017

Name: sch4p4( 6) Pers
Position: Waters Operation Manager

Published on DES Disclosure Log RTI Act 2009

| Pond Location | Pond Name | Tenement | Longitude GDA94 | Latitude GDA94 | Purpose | Storage Contents | Construction Status | Operational Status | Date of Entry into Register | Pond Liner Details | Leakage detection system | LDRS Collection Sump Location | Consequence Category | Pond Footprint Area | Pond Surface Area at MOL | Pond Dimensions L x W | Maximum Storage Volume to MOL | Pond Crest Volume | Spillway Crest Volume | Maximum Pond Depth | Pond Crest Level (AHD) | Maximum Operating Level MOL (AHD) | Mandatory Reporting Level (AHD) | Spillway Crest Level (AHD) | Design Storage Allowance (MOL-Spillway) | | Pond Tag Identifier | Pond Construction Certification | Name and Qualifications of Construction Certifier | Gauge Reading at 1 Nov = Under MOL | Dates of Inspection of Available Storage Capacity at 1 Nov | Dates of inspection (structural & operational adequacy) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Development Area | _ | _ | _ | _ | _ | _ | _ | _ | (Rev Number) | _ | | | _ | ha | ha | m | ML | ML | ML | m | m | m | m | m | m | ML | _ | Date | | | Date | Date |
| Central | Berwyndale South Pond 4 Extension | PL 201 | 150.3198 | -26.8530 | Raw Water Storage | Raw Water | Completed | Operational | Rev 0 December 2009 | Clay | VWPs, Monitoring Bores and SPs | NA | High | 11.7 | 9.27 | 610 x 220 | 368 | 434 | 387 | 5.80 | 303.30 | 302.6 | 302.7 | 302.80 | 0.20 | 18.65 | QCLNG-BB01-WSU-420001 | 1/12/2010 | Golder Associates [redacted] RPEQ | N/A | 20/10/2016 | 20/10/2016 |
| Central | Berwyndale South Pond 4 | PL 201 | 150.3198 | -26.8530 | Raw Water Storage | Raw Water | Completed | Operational | Rev 0 December 2009 | Clay | | | High | 105.9 | 95.1 | 1450 x 1050 | 4002 | 5447 | 4596 | 8.30 | 303.30 | 301.8 | 302 | 302.30 | 0.50 | 594.00 | QCLNG-BB01-WSU-420001 | 1/12/2010 | Golder Associates [redacted] RPEQ | yes | 20/10/2016 | 20/10/2016 |
| Central | Windibri FCS Pond F03 | PL 201 | 150.2981 | -26.8777 | Oily Water/Evap | Oily Water | Completed | Operational | Rev 0 December 2009 | HDPE | LDRS | external | Significant | 6.39 | 4.4 | 311 X 254 | 160.10 | 201.5 | 182.78 | 5.60 | 321.40 | 320.5 | 320.7 | 321.00 | 0.50 | 22.68 | QCLNG-BB01-WSF-440003 | 5/02/2010 | Golder Associates [redacted] RPEQ | yes | 20/10/2016 | 20/10/2016 |
| Central | CPS Pond 1 | PL247 | 150.2499 | -26.7023 | Evaporation | Evaporation | Completed | Operational | Rev 0 December 2009 | HDPE | LDRS | external | Significant | 8.47 | 5.9 | 332 x 269 | 269.90 | 352.5 | 300.19 | 7.07 | 357.14 | 355.81 | 356.01 | 356.31 | 0.50 | 30.29 | QCLNG-BB07-WSE-410001 | 5/10/2009 | Golder Associates [redacted] RPEQ | yes | 27/10/2016 | 27/10/2016 |
| Central | CPS Pond 2 Cell 1 | PL247 | 150.2512 | -26.7030 | Evaporation | Evaporation | Completed | Operational | Rev 0 December 2009 | HDPE | LDRS | external | Significant | 16.16 | 5.57 | 280 x 311 | 223.40 | 317.73 | 245.95 | 7.40 | 339.30 | 337.6 | 337.8 | 338.1 | 0.50 | 22.55 | QCLNG-BB07-WSE-410002 | 24/12/2010 | Golder Associates [redacted] RPEQ | yes | 27/10/2016 | 27/10/2016 |
| Central | CPS Pond 2 Cell 2 | PL247 | 150.2484 | -26.7027 | Evaporation | Evaporation | Completed | Operational | Rev 0 December 2009 | HDPE | LDRS | external | Significant | | 5.53 | 251 x 339.5 | 225.40 | 326 | 255.2 | 7.11 | 339.30 | 337.6 | 337.8 | 338.1 | 0.50 | 29.80 | QCLNG-BB07-WSE-410003 | 24/12/2010 | Golder Associates [redacted] RPEQ | | | 27/10/2016 |
| Central | Glen Eden Pond | PI 247 | 150.3067 | -26.7178 | Raw Water Storage | Raw Water | Completed | Operational | Rev 0 December 2009 | HDPE | LDRS | external | Significant | 5.2 | 3.5 | 284 x 178 | 115.30 | 172 | 133 | 5.00 | 320.00 | 318.45 | 318.61 | 318.95 | 0.46 | 17.70 | QCLNG-BB07-WSU-420004 | 5/02/2010 | Golder Associates [redacted] RPEQ | yes | 27/10/2016 | 27/10/2016 |
| Central | Kenya Large Pond | PL 180 | 150.4477 | -26.9533 | Raw Water | Raw Water | Completed | Operational | Rev 0 December 2009 | Clay | VWPs and SPs | NA | High | 89.7 | 74.36 | 1180 x 700 | 2001 | 3234 | 2661 | 8.00 | 307.70 | 306.15 | 306.65 | 307.00 | 0.85 | 660.00 | QCLNG-BB02-WSU-420001 | No construction certification available. | No construction certification available | yes | 18/10/2016 | 18/10/2016 |
| Central | [redacted] Pond | PL 180 | 150.3803 | -26.9569 | Raw Water Storage | Raw Water | Completed | Operational | Rev 0 December 2009 | HDPE | LDRS | external | Significant | 3.91 | 2.26 | 191 x 192 | 114.80 | 156.09 | 128.5 | 8.81 | 306.50 | 304.77 | 305.02 | 305.37 | 0.60 | 13.70 | QCLNG-BB06-WSU-420001 | 25/08/2015 | Golder Associates [redacted] RPEQ | yes | 18/10/2016 | 18/10/2016 |
| Central | [redacted] Pond 1 | PL 228 | 150.4872 | -26.9571 | Raw Water Storage | Raw Water | Completed | Operational | Rev 0 December 2009 | Clay | VWPs | NA | High | 82 | 68.39 | 800 x 830 | 5158 | 6163 | 5398 | 12.81 | 320.75 | 319.3 | 319.39 | 319.65 | 0.35 | 240.00 | QCLNG-BB02-WSU-420008 | 9/02/2011 | Golder Associates [redacted] RPEQ | yes | 19/10/2016 | 19/10/2016 |
| Central | [redacted] Pond 2 | PL 228 | 150.4720 | -26.9572 | Concentrated Brine Storage | Concentrated Brine | Completed | Operational | Rev 06 - November 2011 | Multiple geosynthetic liner system | LDRS | internal | High | 23.2 | 16.16 | 605 x 438 | 1266 | 1594 | 1434 | 12.6 | 320.70 | 318.75 | 319.45 | 319.77 | 1 | 165 | QCLNG-BE02-WSB-470009 | 24/04/2015 | Golder Associates [redacted] RPEQ | yes | 19/10/2016 | 19/10/2016 |
| Central | [redacted] Pond 3 (to be updated with as-constructed data) | PL 228 | 150.4756 | -26.9576 | Concentrated Brine Storage | Concentrated Brine | Design Completed. Construction in progress | In Progress | Rev 06 - November 2011 | Multiple geosynthetic liner system | LDRS | internal | High | 20.6 | 17.7 | 610 x 340 | 1046.0 | 1407 | 1242 | 9.9 | 320.75 | 318.75 | 319.45 | 319.83 | 1 | 196 | QCLNG-BE02-WSB-470010 | Pond construction not yet complete | Design plan certified by [redacted] REE (RPEQ) | yes | Not Inspected (under construction) | Not Inspected (under construction) |
| Central | [redacted] Pond 4 | PL 228 | 150.4788 | -26.9567 | RO Reject Storage | RO Reject | Completed | Operational | Rev 06 - November 2011 | Dual HDPE | LDRS | internal primary/ external secondary | High | 19 | 13.6 | 463 x 359 | 733.0 | 1018 | 878 | 9.3 | 320.75 | 318.75 | 319.45 | 319.79 | 1 | 145 | QCLNG-BE02-WSB-470011 | 28/04/2015 | Golder Associates [redacted] RPEQ | yes | 19/10/2016 | 19/10/2016 |
| Central | [redacted] Pond 5 | PL 228 | 150.4809 | -26.9506 | CSG Water Aggregation | Raw Water | Completed | Operational | Rev 06 - November 2011 | HDPE | LDRS | external | High | 39.4 | 30.2 | 520 x 786 | 2122 | 2561.3 | 2335.7 | 10.70 | 320.50 | 319.04 | 319.44 | 319.74 | 0.70 | 213.70 | QCLNG-BB02-WSU-420012 | 6/05/2015 | Golder Associates [redacted] RPEQ | yes | 17/10/2016 | 17/10/2016 |
| Central | [redacted] Pond 1 | PL 180 | 150.4648 | -26.9516 | Raw Water Storage | Raw Water | Completed | Operational | Rev 0 December 2009 | Clay | VWPs and SPs | NA | High | 124.21 | 110.76 | 1570 x 900 | 3719 | 5661 | 4177 | 10.00 | 313.00 | 311.3 | 311.4 | 311.70 | 0.40 | 458.00 | QCLNG-BB02-WSU-420002 | 5/02/2010 | Golder Associates [redacted] RPEQ | yes | 19/10/2016 | 19/10/2016 |
| Central | [redacted] Pond | PL 458 | 150.3566 | 26.7099 | Raw Water Storage | Raw Water | Completed | Operational | Rev 8 July 2013 | HDPE | LDRS | internal | Significant | 9.48 | 5.74 | 358 x 252 | 224 | 329 | 265 | 6.80 | 326.30 | 324.6 | 324.9 | 325.30 | 0.70 | 41.00 | QCLNG-BB53-WSU-420001 | 25/08/2015 | Golder Associates [redacted] RPEQ | yes | 27/10/2016 | 27/10/2016 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| North | Woleebee Creek Pond 3 Cell 1 | PL 276 | 149.7193 | -26.2756 | Raw Water Storage | Raw Water | Completed | Operational | Rev 0 December 2009 | HDPE | LDRS | external | Significant | 29.9 | 3.08 | 168 x 303 | 93.00 | 816.05 | 163.5 | 9.40 | 338.00 | 334.5 | 336.1 | 337.00 | 2.50 | 70.50 | QCLNG-BB24-WSU-420001 | 24/6/2009 & 6/11/2014 | Golder Associates [redacted] RPEQ & [redacted] RPEQ | Yes | 25/10/2016 | 25/10/2016 |
| North | Woleebee Creek Pond 3 Cell 2 | PL 276 | 149.7208 | -26.2773 | Raw Water Storage | Raw Water | Completed | Operational | Rev 0 December 2009 | HDPE | LDRS | external | Significant | | 4.32 | 191 x 295 | 214.00 | | 209.6 | 9.30 | 338.00 | 336.9 | - | 336.90 | 0.10 | 4.50 | QCLNG-BB24-WSU-420002 | | | Yes | 25/10/2016 | 25/10/2016 |
| North | Woleebee Creek Pond 3 Cell 3 | PL 276 | 149.7219 | -26.2785 | Raw Water Storage | Raw Water | Completed | Operational | Rev 0 December 2009 | HDPE | LDRS | external | Significant | | 5.58 | 283 x 308.5 | 288.00 | | 281.6 | 10.30 | 338.00 | 336.9 | - | 336.80 | 0.10 | 5.70 | QCLNG-BB24-WSU-420003 | | | Yes | 25/10/2016 | 25/10/2016 |
| North | NWTP Pond 1 - Clarified Raw Water | PL 276 | 149.7179 | -26.2677 | CSG Water Aggregation | Raw Water | Completed | Operational | Rev 7 July 2012 | Dual HDPE | LDRS | internal | High | 31.8 | 27.8 | 550 x 590 | 1235 | 1707 | 1408 | 14.4 | 338.8 | 336.43 | 336.9 | 337.3 | 0.87 | 173 | QCLNG-BE24-CIV-GAD-191004 | 10/06/2014 | Cardno [redacted] RPEQ | yes | 25/10/2016 | 25/10/2016 |
| North | NWTP Pond 3 - RO Reject | PL 276 | 149.7100 | -26.2655 | RO Reject Storage | RO Reject | Completed | Operational | Rev 7 July 2012 | Dual HDPE | LDRS | internal | High | 13.7 | 11.9 | 380 x 250 | 663 | 842 | 737 | 14.6 | 340.8 | 338.9 | 339.4 | 339.6 | 0.7 | 74 | QCLNG-BE24-CIV-GAD-191004 | 6/09/2014 | Cardno [redacted] RPEQ | yes | 25/10/2016 | 25/10/2016 |
| North | NWTP Pond 4 - Conc. Brine | PL 276 | 149.7096 | -26.2700 | Concentrated Brine Storage | Concentrated Brine | Completed | Operational | Rev 7 July 2012 | Multiple geosynthetic liner system | LDRS | internal | High | 32.4 | 22.6 | 670 x 450 | 1177 | 1542 | 1347 | 10.8 | 341 | 339.1 | 339.5 | 340 | 0.9 | 170 | QCLNG-BE24-CIV-GAD-191004 | 17/03/2015 | Golder Associates [redacted] RPEQ | yes | 25/10/2016 | 25/10/2016 |
| North | NWTP Pond 4 - Spent IX | PL 276 | 149.7096 | -26.2700 | Spent IX Storage | Spent IX | Completed | Operational | Rev 7 July 2012 | Multiple geosynthetic liner system | LDRS | internal | High | 32.4 | 5.4 | 670 x 450 | 255.4 | 340 | 300.1 | 10.5 | 341 | 339.2 | 339.55 | 340 | 0.8 | 44.7 | QCLNG-BE24-CIV-GAD-191004 | 17/03/2015 | Golder Associates [redacted] RPEQ | yes | 25/10/2016 | 25/10/2016 |
| North | NWTP Pond 5 - Sediment | PL 276 | 149.7121 | -26.2629 | Sedimentation Pond | Raw Water | Completed | Operational | Rev 7 July 2012 | Dual HDPE | LDRS | internal | High | 7.5 | 5.02 | 240 x 240 | 224.3 | 330 | 263 | 11.5 | 340.8 | 338.85 | 339.39 | 339.57 | 0.72 | 38.7 | QCLNG-BE24-CIV-GAD-191004 | 4/08/2014 | Cardno [redacted] RPEQ | yes | 25/10/2016 | 25/10/2016 |
| North | Polaris Pond | PL 398 | 149.8144 | -26.1188 | Raw Water Storage | Raw Water | Completed | Operational | Rev 8 July 2013 | HDPE | LDRS | internal | Significant | 16.5 | 12.5 | 419 x 408 | 591 | 788.69 | 666.7 | 7.59 | 264.49 | 262.95 | 263.25 | 263.55 | 0.60 | 76.90 | QCLNG-BB58-WSU-420001 | 25/08/2015 | Golder Associates [redacted] RPEQ | Yes | 18/10/2016 | 18/10/2016 |
| North | [redacted] Pond | PL 506 | 149.7006 | -25.9637 | Appraisal | Raw Water | Completed | Operational | Rev 8 July 2013 | HDPE | LDRS | internal | Significant | 7.3 | 5.02 | 335 x 209 | 159.83 | 249.2 | 195.63 | 5.66 | 237.30 | 235.6 | 236 | 236.30 | 0.70 | 35.80 | QCLNG-BB63-WSU-420001 | 19/01/2016 | Golder Associates [redacted] RPEQ | Yes | 17/10/2016 | 17/10/2016 |
| North | [redacted] Pond | PL 401 | 149.7100 | -26.0906 | Appraisal | Raw Water | Completed | Operational | Rev 9 November 2013 | HDPE | LDRS | internal | Significant | 12.64 | 9.56 | 366 x 326 | 507.25 | 655.86 | 558.35 | 9.21 | 307.44 | 305.9 | 306.2 | 306.44 | 0.54 | 51.10 | QCLNG-BB59-WSU-420001 | 18/01/2016 | Golder Associates [redacted] RPEQ | Yes | 18/10/2016 | 18/10/2016 |
| North | [redacted] Pond | PL 505 | 149.4661 | -26.0778 | Appraisal | Raw Water | Completed | Operational | Rev 9 November 2013 | HDPE | LDRS | internal | Significant | 7.93 | 5.04 | 387 x 202 | 238 | 318.07 | 268.8 | 7.92 | 279.22 | 277.7 | 278 | 278.30 | 0.60 | 30.80 | QCLNG-BB58-WSU-420001 | 19/01/2016 | Golder Associates [redacted] RPEQ | Yes | 18/10/2016 | 18/10/2016 |
| North | [redacted] Pond | PL 498 | 149.6229 | -26.1210 | Raw Water Storage | Raw Water | Design Completed. Construction in progress. | Not operational | Rev 11 19 February 2016 | HDPE | LDRS | internal | Significant | 3.23 | 2 | 160 x 140 | 81.8 | 107 | 87.9 | 7.15 | 302.35 | 301.2 | NA | 301.50 | NA | NA | | Construction in progress | - | NA | NA | NA |
| North | [redacted] Pond | PL 498 | 149.6445 | -26.0812 | Raw Water Storage | Raw Water | Design Completed. Construction in progress. | Not operational | Rev 11 19 February 2016 | HDPE | LDRS | internal | Significant | 4.8 | 3.23 | 203 x 174 | 140.09 | 178.74 | 149.9 | 7.64 | 276.80 | 275.65 | NA | 275.95 | NA | NA | | Construction in progress | - | NA | NA | NA |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| South | [redacted] Pond | PL 273 | 150.8690 | -27.1466 | Raw Water Storage | Raw Water | Completed | Operational | Rev 0 December 2009 | HDPE | LDRS | external | High | 11.52 | 8.38 | 414 x 301 | 299.90 | 467.4 | 368.5 | 6.54 | 362.50 | 360.61 | 361.11 | 361.41 | 0.80 | 68.60 | QCLNG-BB16-WSU-420001 | 9/02/2011 | Golder Associates [redacted] RPEQ | yes | 26/10/2016 | 26/10/2016 |
| South | [redacted] Pond | PL 275 | 150.9395 | -27.2601 | Appraisal | Raw Water | Completed | Operational | Rev 0 December 2009 | HDPE | LDRS | external | Significant | 11.57 | 6.47 | 408 x 248 | 406.80 | 537.06 | 462 | 10.07 | 364.50 | 362.9 | 363.1 | 363.40 | 0.50 | 55.20 | QCLNG-BB20-WSU-420001 | 2/02/2011 | Golder Associates [redacted] RPEQ | yes | 26/10/2016 | 26/10/2016 |
| South | [redacted] Pond 1 | PL 273 | 150.7967 | -27.1427 | Appraisal | Raw Water | Completed | Operational | Rev 0 December 2009 | HDPE | LDRS | external | Significant | 7.98 | 4.12 | 265 x 257 | 199.90 | 243 | 221.07 | 7.65 | 366.55 | 365.55 | 365.75 | 366.05 | 0.50 | 21.17 | QCLNG-BB15-WSU-420001 | 18/02/2010 | Golder Associates [redacted] RPEQ | yes | 26/10/2016 | 26/10/2016 |
| South | [redacted] Pond | PL 275 | 150.8670 | -27.2346 | Raw Water Storage | Raw Water | Completed | Operational | Rev 0 December 2009 | HDPE | LDRS | external | Significant | 19.6 | 13.9 | 322 x 605 | 746.80 | 1006.7 | 852.4 | 8.55 | 359.75 | 357.95 | 358.4 | 358.70 | 0.75 | 105.60 | QCLNG-BB18-WSU-420001 | 25/08/2015 | Golder Associates [redacted] RPEQ | yes | 26/10/2016 | 26/10/2016 |
| South | Kenya East Pond | PL 278 | 150.5308 | -27.0322 | Raw Water Storage | Raw Water | Completed | Operational | Rev 0 December 2009 | HDPE | LDRS | external | Significant | 19.6 | 14.9 | 328 x 598 | 591.50 | 819.8 | 662.9 | 6.50 | 327.00 | 325.4 | 325.69 | 326.00 | 0.60 | 71.40 | QCLNG-BB09-WSU-420001 | 3/09/2015 | Golder Associates [redacted] RPEQ | yes | 25/10/2016 | 25/10/2016 |
| South | [redacted] Pond | PL 275 | 150.9393 | -27.2572 | Appraisal | Raw Water | Completed | Operational | Rev 0 December 2009 | HDPE | LDRS | external | Significant | 6.33 | 3.91 | 288 x 235 | 198.70 | 258.5 | 221.01 | 9.05 | 363.00 | 361.54 | 361.84 | 362.14 | 0.60 | 22.31 | QCLNG-BB20-WSU-420002 | 28/02/2014 | Golder Associates [redacted] RPEQ | yes | 26/10/2016 | 26/10/2016 |
| South | [redacted] Pond | PL442 | 150.6884 | -27.1945 | Raw Water Storage | Raw Water | Completed | Operational | Rev 8 July 2013 | HDPE | LDRS | internal | Significant | 8.57 | 5.77 | 355 x 236 | 335.00 | 424 | 370 | 9.10 | 349.60 | 348.1 | 348.4 | 348.70 | 0.60 | 35.00 | QCLNG-BB14-WSU-420001 | 3/09/2015 | Golder Associates [redacted] RPEQ | yes | 25/10/2016 | 25/10/2016 |
| South | Broadwater | PL279 | 151.0529 | -27.3394 | Raw Water Storage | Raw Water | Completed | Operational | Rev 8 July 2013 | HDPE | LDRS | internal | Significant | 12.4 | 8.7 | 355 x 345 | 405.12 | 556.38 | 462.44 | 8.05 | 342.55 | 340.88 | 341.28 | 341.53 | 0.65 | 57.32 | QCLNG-BB43-WSU-420001 | 25/08/2015 | Golder Associates [redacted] RPEQ | yes | 24/10/2016 | 24/10/2016 |
| South | Glendower Pond | PL 279 | 150.9734 | -27.3369 | Raw Water Storage | Raw Water | Completed | Operational | Rev 7 July 2012 | HDPE | LDRS | internal | Significant | 16.73 | 11 | 554 x 295 | 464.55 | 655.04 | 537.27 | 7.02 | 346.21 | 344.55 | 344.9 | 345.20 | 0.65 | 72.73 | QCLNG-BB44-WSU-420001 | 25/08/2015 | Golder Associates [redacted] RPEQ | yes | 24/10/2016 | 24/10/2016 |

NOTES:
* Woleebee Creek Pond 3 cells 2 & 3 are operating as a single pond. The revised operating conditions has been documented in *Updated Assessment Report, Woleebee Creek Ponds - Cells 1-3* (QGC 2015)
- Latitude & Longitude = Approximate centre of pond
- Pond Footprint Area = Area inside toe of external embankment
- Pond Dimensions = Average Length x Breadth (@ The Toe)
- Maximum Pond Depth = Lowest Floor RL to Pond Crest Height
- Current Volume at 1 November = Based on gauge readings and storage rating tables of stored volume versus level. These tables are not included due to their size but can supplied upon request.
- Leakage detection and recovery system (LDRS) generally comprises underline geocomposite drainage layers directing collected Leakage to sumps and returning flows back into the pond via submersible pumps

Published on DES Disclosure Log RTI Act 2009

| Pond Location | Pond Name | Dates of inspection reports submission | Date of Design Plan | Reference # of Design Plan | Name and Qualifications of Design Certifier | Name of Design plan |
|---|---|---|---|---|---|---|
| Development Area | ... | Date | | | | |
| Central | Berwyndale South Pond 4 Extension | TBC | 1/12/2009 | BWS-C-RPT-002 RevC | No design certification available | Berwyndale South, Pond 4 Pond Upgrade - Design Report |
| Central | Berwyndale South Pond 4 | TBC | 1/12/2009 | BWS-C-RPT-002 RevC | No design certification available | Berwyndale South, Pond 4 Pond Upgrade - Design Report |
| Central | Windibri FCS Pond F03 | TBC | 24/02/2010 | 087635008 004 Rev1 1000 (D1I-C-RPT-001_1) | No design certification available | Project D1I, Windibri Field Compression Station Pond BWS-106-1 |
| Central | CPS Pond 1 | TBC | 7/08/2009 | 087635008 3000 D1W 021 rev2 (D1w-C-RPT-001_2) | Golder Associates [redacted] RPEQ | Project D1W Condocrine Power Station Saline Effluent Pond 1 Engineering Design Report |
| Central | CPS Pond 2 Cell 1 | TBC | 1/09/2009 | 087635008 268 R 12000 RevO (BEL-C-RPT-001_0) | Golder Associates [redacted] RPEQ | Condamine Power Station 2 Pond (CPS2) Assessment Report |
| Central | CPS Pond 2 Cell 2 | TBC | 1/09/2009 | 087635008 268 R 12000 RevO (BEL-C-RPT-001_0) | Golder Associates [redacted] RPEQ | Condamine Power Station 2 Pond (CPS2) Assessment Report |
| Central | Glen Eden Pond | TBC | 22/05/2009 | 087635008 043 R REV1 6000 (D1L-C-RPT-001_1) | No design certification available | Project D1L Glen Eden Water Collection Pond Engineering Design Report |
| Central | Kenya Large Pond | TBC | 30/07/2007 | 6681 Specification_EDITED | No design certification available | Evaporation dam design & specification |
| Central | [redacted] Pond | TBC | 1/01/2011 | LRN-C-RPT-001_0 | Golder Associates [redacted] RPEQ | [redacted] Pond Environmental Assessment and Design Report |
| Central | [redacted] Pond 1 | TBC | 9/07/2009 | 087635008 146 R Rev1 7000 (D2H-C-RPT-001-1) | Golder Associates [redacted] RPEQ | Project D2H [redacted] Associated Water Storage Pond Stage 1 Engineering Design Report |
| Central | [redacted] Pond 2 | TBC | 1/08/2011 | ORA-C-RPT-011_0 (107635002-096-R-RevO-100) | Golder Associates [redacted] RPEQ | Environmental Assessment and Design Report [redacted] and [redacted] Brine Storage Ponds |
| Central | [redacted] Pond 3 (to be updated with as-constructed data) | TBC | 12/01/2016 | QCLNG-BE02-ENV-RPT-00801_0 (I15001-001-RPT-I) | Golder Associates [redacted] RPEQ | ENVIRONMENTAL ASSESSMENT AND DESIGN REPORT [redacted] Pond 3 - Concentrated Brine Storage |
| Central | [redacted] Pond 4 | TBC | 1/03/2011 | ORA-C-RPT-005_0 (107635002-090-R-RevO-100) | Golder Associates [redacted] RPEQ | ENVIRONMENTAL ASSESSMENT AND DESIGN REPORT [redacted] Storage Pond |
| Central | [redacted] Pond 5 | TBC | 1/12/2010 | ORA-C-RPT-001_0 (107635002-010-R_RevO) | Golder Associates [redacted] RPEQ | ENVIRONMENTAL ASSESSMENT AND DESIGN REPORT [redacted] Storage Pond |
| Central | [redacted] Pond 1 | TBC | 1/05/2008 | 013-077636015-10000-RevV0 | No design certification available | Engineering Design of [redacted] Evaporation Pond |
| Central | [redacted] Pond | TBC | 1/01/2013 | MNY-C-RPT-003_0 (107635002-013-R-RevO-1300) | Golder Associates [redacted] RPEQ | ENVIRONMENTAL ASSESSMENT AND DESIGN REPORT [redacted] Appraisal/Regional Water Storage Pond |
| | | | | | | |
| North | Woleebee Creek Pond 3 Cell 1 | TBC | 1/07/2015 | QCLNG-BE24-CIV-RPT-000006 RevO | Golder Associates [redacted] RPEQ | Woleebee Creek Pond Assessment Report |
| North | Woleebee Creek Pond 3 Cell 2 | TBC | 1/07/2015 | QCLNG-BE24-CIV-RPT-000006 RevO | Golder Associates [redacted] RPEQ | Woleebee Creek Pond Assessment Report |
| North | Woleebee Creek Pond 3 Cell 3 | TBC | 1/07/2015 | QCLNG-BE24-CIV-RPT-000006 RevO | Golder Associates [redacted] RPEQ | Woleebee Creek Pond Assessment Report |
| North | NWTP Pond 1 - Clarified Raw Water | TBC | 23/08/2014 | QCLNG-BE24-CIV-RPT-151001 Rev9 | Cardno [redacted] RPEQ | NWTP Ponds Design Report |
| North | NWTP Pond 3 - RO Reject | TBC | 23/08/2014 | QCLNG-BE24-CIV-RPT-151001 Rev9 | Cardno [redacted] RPEQ | NWTP Ponds Design Report |
| North | NWTP Pond 4 - Conc. Brine | TBC | 23/08/2014 | QCLNG-BE24-CIV-RPT-151001 Rev9 | Golder Associates [redacted] RPEQ | NWTP Ponds Design Report |
| North | NWTP Pond 4 - Spent IX | TBC | 23/08/2014 | QCLNG-BE24-CIV-RPT-151001 Rev9 | Golder Associates [redacted] RPEQ (unsigned cert letter) | NWTP Ponds Design Report |
| North | NWTP Pond 5 - Sediment | TBC | 23/08/2014 | QCLNG-BE24-CIV-RPT-151001 Rev9 | Cardno [redacted] RPEQ | NWTP Ponds Design Report |
| North | Polaris Pond | TBC | 1/10/2012 | QCLNG-B830-CIV-RPT-000001_0 (107635002-013-R-RevO-1000) | Golder Associates [redacted] RPEQ | ENVIRONMENTAL ASSESSMENT AND DESIGN REPORT Polaris Appraisal/Regional Water Storage Pond |
| North | [redacted] Pond | TBC | 1/12/2012 | QCLNG-B863-CIV-RPT-000006_0 (127635006-001-R-RevO-100) | Golder Associates [redacted] RPEQ | ENVIRONMENTAL ASSESSMENT AND DESIGN REPORT [redacted] Appraisal/Regional Water Storage Pond |
| North | [redacted] Pond | TBC | 1/08/2013 | QCLNG-B853-CIV-RPT-000004_0 (127635006-006-R-RevO-100) | Golder Associates [redacted] RPEQ | ENVIRONMENTAL ASSESSMENT AND DESIGN REPORT [redacted] Appraisal/Regional Water Storage Pond |
| North | [redacted] Pond | TBC | 1/08/2013 | QCLNG-B881-CIV-RPT-000004_0 (127635006-005-R-RevO-100) | Golder Associates [redacted] RPEQ | ENVIRONMENTAL ASSESSMENT AND DESIGN REPORT [redacted] Appraisal/Regional Water Storage Pond |
| North | [redacted] Pond | NA | 27/11/2015 | QCLNG-B859-CIV-RPT-350000_01 (I15265I0-001-R-Rev-01-300) | Golder Associates [redacted] RPEQ | ENVIRONMENTAL ASSESSMENT AND DESIGN REPORT [redacted] Intermediate Storage Pond |
| North | [redacted] Pond | NA | 27/01/2016 | QCLNG-B862-CIV-RPT-350000_01 (I15265I0-001-R-Rev1-200) | Golder Associates [redacted] RPEQ | ENVIRONMENTAL ASSESSMENT AND DESIGN REPORT [redacted] Regional Water Storage |
| | | | | | | |
| South | [redacted] Pond | TBC | 1/02/2009 | PRO-T-RPT-006 | Golder Associates [redacted] RPEQ | Environmental Assessment and Design Report for [redacted] Ponds |
| South | [redacted] Pond | TBC | 1/02/2009 | PRO-T-RPT-006 | Golder Associates [redacted] RPEQ | Environmental Assessment and Design Report for [redacted] Ponds |
| South | [redacted] Pond 1 | TBC | 27/10/2008 | PRO-T-RPT-001 RevO | Golder Associates [redacted] RPEQ | Environmental Assessment and Engineering Design Report for [redacted] and Ridgewood 3 Exploration Test Ponds |
| South | [redacted] Pond | TBC | 1/02/2011 | RBY-C-RPT-003_0 | Golder Associates [redacted] RPEQ | [redacted] Pond Environmental Assessment and Design Report |
| South | Kenya East Pond | TBC | 1/02/2011 | KEE-C-RPT-001_0 | Golder Associates [redacted] RPEQ | Kenya East Storage Pond Environmental Assessment and Design Report |
| South | [redacted] Pond | TBC | 1/12/2010 | JEN-C-RPT-002_0 | Golder Associates [redacted] RPEQ | [redacted] Storage Pond Environmental Assessment and Design Report |
| South | [redacted] Pond | TBC | 1/03/2013 | QCLNG-BE24-CIV-RPT-000005_0 (127635006-006-R-RevO-100) | Golder Associates [redacted] RPEQ | ENVIRONMENTAL ASSESSMENT AND DESIGN REPORT [redacted] Appraisal/Regional Water Storage Pond |
| South | Broadwater | TBC | 1/09/2012 | BWR-C-RPT-004_0 (107635002-014-R-RevO-1100) | Golder Associates [redacted] RPEQ | Environmental Assessment and Design Report Broadwater Regional Water Storage Pond |
| South | Glendower Pond | TBC | 1/06/2012 | GLN-C-RPT-003_0 (107635002-011-R-RevO-1000) | Golder Associates [redacted] RPEQ | ENVIRONMENTAL ASSESSMENT AND DESIGN REPORT Glendower Appraisal/Regional Water Storage Pond |

NOTES:
* Woleebee Creek Pond 3 cells 2 & 3 are operating as a single pond. The rev
- Latitude & Longitude = Approximate centre of pond
- Pond Footprint Area = Area inside toe of external embankment
- Pond Dimensions = Average Length x Breadth (@ The Toe)
- Maximum Pond Depth = Lowest Floor RL to Pond Crest Height
- Current Volume at 1 November = Based on gauge readings and storage rat
- Leakage detection and recovery system (LDRS) generally comprises underli

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