

## NGA GROUNDWATER HYDROCENSUS FORM

Mandatory fields are indicated with red text and an asterisk (\*).  
Conditional Mandatory fields are indicated with green text and a double asterisk (\*\*)  
Notes, Tips and/or Preferences are indicated within Brackets ( ).

Owner Information	
1	* <b>Owner Surname</b> * <b>Organisation Name</b>
2	* <b>Owner Initials, First Name</b> <b>Organisation Reg.No., Abbreviation</b>
3	* <b>Visit Date</b> (ccyy-mm-dd)
Home Address (Owner)	
4	<b>Address Location</b> <input type="checkbox"/> Home
5	<b>Address Type</b> <input type="checkbox"/> Postal <input type="checkbox"/> Physical
6	<b>Address Text</b>
7	<b>Suburb</b>
8	<b>Town/City</b>
9	<b>Postal Code</b>
Business Address (Owner)	
10	<b>Address Location</b> <input type="checkbox"/> Business
11	<b>Address Type</b> <input type="checkbox"/> Postal <input type="checkbox"/> Physical
12	<b>Building Name</b>
13	<b>Office Number</b>
14	<b>Street Name and Number</b>
15	<b>Suburb</b>
16	<b>Town/City</b>
17	<b>Postal Code</b>
18	<b>Telephone Number Location</b> <input type="checkbox"/> Business <input type="checkbox"/> Home
19	<b>Contact Type</b> <input type="checkbox"/> Switchboard <input type="checkbox"/> Fax <input type="checkbox"/> Cellular <input type="checkbox"/> Telephone <input type="checkbox"/> Email
20	<b>Dialling code</b>
21	<b>Telephone Number</b>
22	<b>Extension</b>

Geosite Information	
1	* <b>Data Owner</b> <input type="checkbox"/> Dept Water - Eastern Cape <input type="checkbox"/> Dept Water - Mpumalanga <input type="checkbox"/> Dept Water - Free State <input type="checkbox"/> Dept Water - Northern Cape <input type="checkbox"/> Dept Water - Gauteng <input type="checkbox"/> Dept Water - North West <input type="checkbox"/> Dept Water - Kwazulu Natal <input type="checkbox"/> Dept Water - Pretoria <input type="checkbox"/> Dept Water - Limpopo <input type="checkbox"/> Dept Water - Western Cape <input type="checkbox"/> Dept of Agriculture <input type="checkbox"/> Groundwater Consulting Services <input type="checkbox"/> DMR-Department Mineral Resources <input type="checkbox"/> Management Authority (COHWHS) <input type="checkbox"/> DWS - Compliance Monitoring: Industry <input type="checkbox"/> Petroleum Agency South Africa
2	* <b>Identifier</b>
3	* <b>Reporting Institution</b>
4	* <b>Geosite Type</b> <input type="checkbox"/> Borehole <input type="checkbox"/> Seepage Pond <input type="checkbox"/> Drain <input type="checkbox"/> Sinkhole <input type="checkbox"/> Dug Well <input type="checkbox"/> Spring <input type="checkbox"/> Lateral / Radial Arm Collector <input type="checkbox"/> Tunnel <input type="checkbox"/> Mine <input type="checkbox"/> Well Point
5	* <b>Reference Datum</b> <input type="checkbox"/> Cape Datum (Clarke 1880) <input type="checkbox"/> Hartbeeshoek Datum (WGS 84)
6	* <b>Latitude</b> DDMMSS <input type="text"/> <input type="text"/> <input type="text"/> DD.ddddd <input type="text"/>
7	* <b>Longitude</b> DDMMSS <input type="text"/> <input type="text"/> <input type="text"/> DD.ddddd <input type="text"/>
8	* <b>Coordinate Method</b> <input type="checkbox"/> Differential GPS with Base Station <input type="checkbox"/> Estimated 1:250 000 map <input type="checkbox"/> Differential GPS without Base Station <input type="checkbox"/> Estimated 1:50 000 map <input type="checkbox"/> District and Farm Name and Number <input type="checkbox"/> Global Positioning System (Hand-held) <input type="checkbox"/> Estimated 1:10 000 map <input type="checkbox"/> Surveyed
9	** <b>Coordinate GPS Accuracy (m)</b> Estimated Position Error (EPE)
10	* <b>Elevation (mamsl)</b>
11	* <b>Elevation Method</b> <input type="checkbox"/> Altimeter <input type="checkbox"/> Estimated 1:250 000 map <input type="checkbox"/> Differential GPS with Base Station <input type="checkbox"/> Estimated 1:50 000 map <input type="checkbox"/> Differential GPS without Base Station <input type="checkbox"/> Global Positioning System (Hand-held) <input type="checkbox"/> District and Farm Name and Number <input type="checkbox"/> Surveyed <input type="checkbox"/> Estimated 1:10 000 map
12	** <b>Elevation GPS Accuracy (m)</b> Estimated Position Error (EPE)

13	<b>* Farm</b>	
14	<b>* Farm Number</b>	
15	<b>Geosite Status</b>	<input type="checkbox"/> Abandoned <input type="checkbox"/> Destroyed <input type="checkbox"/> Dry <input type="checkbox"/> In Use <input type="checkbox"/> Inaccessible <input type="checkbox"/> Not Drilled <input type="checkbox"/> Standby (Production)
16	<b>Date when Status Observed</b> (ccyy-mm-dd)	
17	<b>Map Number</b>	
18	<b>Province</b>	<input type="checkbox"/> Eastern Cape <input type="checkbox"/> Free State <input type="checkbox"/> Gauteng <input type="checkbox"/> Kwazulu Natal <input type="checkbox"/> Limpopo <input type="checkbox"/> Mpumalanga <input type="checkbox"/> North West <input type="checkbox"/> Northern Cape <input type="checkbox"/> Western Cape
19	<b>Quaternary Drainage Region</b>	
20	<b>Water Management Area</b>	<input type="checkbox"/> Berg <input type="checkbox"/> Breede <input type="checkbox"/> Crocodile (West) and Marico <input type="checkbox"/> Fish to Tsitsikama <input type="checkbox"/> Gouritz <input type="checkbox"/> Inkomati <input type="checkbox"/> Limpopo <input type="checkbox"/> Lower Orange <input type="checkbox"/> Lower Vaal <input type="checkbox"/> Luvubu and Letaba <input type="checkbox"/> Middle Vaal <input type="checkbox"/> Mvoti to Umzimkulu <input type="checkbox"/> Mzimvubu to Keiskamma <input type="checkbox"/> Olifants <input type="checkbox"/> Olifants / Doorn <input type="checkbox"/> Thukela <input type="checkbox"/> Upper Orange <input type="checkbox"/> Upper Vaal <input type="checkbox"/> Usutu to Mhlatuze
21	<b>Municipal District</b>	
22	<b>Geomorphology</b>	<input type="checkbox"/> Alluvial Fan <input type="checkbox"/> Flat / Gently Undulating Surface <input type="checkbox"/> Hill / Mountain Top <input type="checkbox"/> Low Gradient Hill Slope <input type="checkbox"/> Near Sinkhole <input type="checkbox"/> Raised Terrace <input type="checkbox"/> Riparian Zone <input type="checkbox"/> Steep Mountain Slope <input type="checkbox"/> Unvegetated Shifting Dunes <input type="checkbox"/> Valley Floor <input type="checkbox"/> Vegetated Dunes <input type="checkbox"/> Water Body (Wetlands, Pan, River, Spring)
23	<b>Land Cover</b>	<input type="checkbox"/> Barren Rock <input type="checkbox"/> Cultivated: Commercial Dryland <input type="checkbox"/> Cultivated: Permanent – Commercial Irrigated <input type="checkbox"/> Cultivated: Permanent – Commercial Sugarcane <input type="checkbox"/> Cultivated: Temporary - Commercial Irrigated <input type="checkbox"/> Cultivated: Temporary – Commercial Dryland <input type="checkbox"/> Cultivated: Temporary Semi-Commercial / Subsistence Dryland <input type="checkbox"/> Degraded: Forest and Woodland <input type="checkbox"/> Degraded: Grassland <input type="checkbox"/> Degraded: Hermland <input type="checkbox"/> Degraded: Shrubland and Low Fynbos <input type="checkbox"/> Degraded: Thicket and Bushland (etc.) <input type="checkbox"/> Dongas and Sheet Erosion Scars <input type="checkbox"/> Forest plantations (Indicate Eucalyptus) <input type="checkbox"/> Forest plantations (Indicate Pine) <input type="checkbox"/> Forest plantations (Indicate Wattle) <input type="checkbox"/> Grassland <input type="checkbox"/> Hermland <input type="checkbox"/> Mines and Quarries <input type="checkbox"/> Natural Forest <input type="checkbox"/> Natural Forest and Woodland <input type="checkbox"/> Shrubland and Low Fynbos <input type="checkbox"/> Thicket and Bushland (etc.) <input type="checkbox"/> Urban / Built-Up Land: Commercial <input type="checkbox"/> Urban / Built-Up Land: Industrial / Transport <input type="checkbox"/> Urban / Built-Up Land: Residential <input type="checkbox"/> Urban / Built-Up Land: Residential (Small Holdings: Bushland) <input type="checkbox"/> Urban / Built-Up Land: Residential (Small Holdings: Grassland) <input type="checkbox"/> Urban / Built-Up Land: Residential (Small Holdings: Shrubland) <input type="checkbox"/> Urban / Built-Up Land: Residential (Small Holdings: Woodland)
24	<b>Taste of Water</b>	<input type="checkbox"/> Brack <input type="checkbox"/> Fresh <input type="checkbox"/> Salty
25	<b>DWAF Geosite Purpose</b>	<input type="checkbox"/> Dewatering <input type="checkbox"/> Drainage <input type="checkbox"/> Exploration <input type="checkbox"/> Observation <input type="checkbox"/> Production (Water Supply) <input type="checkbox"/> Recharge <input type="checkbox"/> Standby <input type="checkbox"/> Waste Disposal
26	<b>Observed / Actual Water Uses</b>	<input type="checkbox"/> Agriculture <input type="checkbox"/> Bulk Water Supply <input type="checkbox"/> Commercial <input type="checkbox"/> Domestic <input type="checkbox"/> Gardening <input type="checkbox"/> Industrial <input type="checkbox"/> Irrigation <input type="checkbox"/> Mining <input type="checkbox"/> Nature Conservation <input type="checkbox"/> Power Generation <input type="checkbox"/> Public <input type="checkbox"/> Recharge <input type="checkbox"/> Reservoir <input type="checkbox"/> Stock Watering

Other Number Information					
	* Other Number Type	* Other Number		* Assignor	
1	<input type="checkbox"/> Aquabase Number		17	N/A	
2	<input type="checkbox"/> Borehole Number (BHNO)		18		
3	<input type="checkbox"/> Boring Branch Number (BBNO)		19	N/A	
4	<input type="checkbox"/> Dept of Water Affairs Forestry Number		20		
5	<input type="checkbox"/> G Number		21	N/A	
6	<input type="checkbox"/> Hydrocom Number (HYDR)		22	N/A	
7	<input type="checkbox"/> Hydrological Station Number (HSTA)		23	N/A	
8	<input type="checkbox"/> Monitoring Feature ID (MFID)		24	N/A	
9	<input type="checkbox"/> Old Hydrological Station Number (OHST)		25	N/A	
10	<input type="checkbox"/> NGDB Number (SITE ID)		26	N/A	
11	<input type="checkbox"/> Regional Borehole Number (RBHN)		27	N/A	
12	<input type="checkbox"/> T Number		28	N/A	
13	<input type="checkbox"/> W Number		29	N/A	
14	<input type="checkbox"/> Water Level Monitoring Point (WLMP)		30	N/A	
15	<input type="checkbox"/> ZQC QUAL Number		31	N/A	
16	<input type="checkbox"/> ZQM QUAL Number		32	N/A	

Reference Information	
1	* Reference Type <input type="checkbox"/> NGA Groundwater Hydrocensus Form <input type="checkbox"/> Consultants Report <input type="checkbox"/> GH Report
2	* DWAF Library Report Number
3	* Located at <input type="checkbox"/> Dept Water - Eastern Cape <input type="checkbox"/> Dept Water - Free State <input type="checkbox"/> Dept Water - Gauteng <input type="checkbox"/> Dept Water - Kwazulu Natal <input type="checkbox"/> Dept Water - Limpopo <input type="checkbox"/> Dept Water - Mpumalanga <input type="checkbox"/> Dept Water - Northern Cape <input type="checkbox"/> Dept Water - North West <input type="checkbox"/> Dept Water - Pretoria <input type="checkbox"/> Dept Water - Western Cape
4	* Report Name
5	* Report Date
6	Non DWAF-Registered Documentation Number
7	Non DWAF-Registered Documentation Located at <input type="checkbox"/> Dept Water - Eastern Cape <input type="checkbox"/> Dept Water - Free State <input type="checkbox"/> Dept Water - Gauteng <input type="checkbox"/> Dept Water - Kwazulu Natal <input type="checkbox"/> Dept Water - Limpopo <input type="checkbox"/> Dept Water - Mpumalanga <input type="checkbox"/> Dept Water - Northern Cape <input type="checkbox"/> Dept Water - North West <input type="checkbox"/> Dept Water - Pretoria <input type="checkbox"/> Dept Water - Western Cape

Construction Completion Information	
1	Construction Completion Date (ccyy-mm-dd)
2	Construction Cost (Rand)
3	Construction Method <input type="checkbox"/> Augered <input type="checkbox"/> Cable Tool <input type="checkbox"/> Core Drilling <input type="checkbox"/> Direct Circulation (Mud Rotary) <input type="checkbox"/> Driven Wells <input type="checkbox"/> Dug By Hand <input type="checkbox"/> Earth Augers: Bucket <input type="checkbox"/> Earth Augers: Hollow-Stem <input type="checkbox"/> Earth Augers: Solid Stem <input type="checkbox"/> Excavated by Machine <input type="checkbox"/> Hydraulic Rotary <input type="checkbox"/> Jetting: Percussion Drilling <input type="checkbox"/> Jetting: Well Point <input type="checkbox"/> Reverse Circulation (Mud Rotary) <input type="checkbox"/> Jetting: Well Point <input type="checkbox"/> Rotary Air Percussion <input type="checkbox"/> Tube Wells <input type="checkbox"/> Other
4	Construction Company
5	Construction Contractor
6	Drilling Fluid <input type="checkbox"/> Air <input type="checkbox"/> Air With Additives <input type="checkbox"/> Drill Foam <input type="checkbox"/> Water <input type="checkbox"/> Water With Additives
7	Water Additives <input type="checkbox"/> Clay <input type="checkbox"/> Polymers
8	Air Additives <input type="checkbox"/> Clay <input type="checkbox"/> Polymers <input type="checkbox"/> Surfactant <input type="checkbox"/> Water
9	Additional Additives

Casing: Observed Information	
1	* Casing Column Number (1 - 9)
2	Casing Collar Height (m)
3	* Observed Casing Details <input checked="" type="checkbox"/> Yes
4	Casing Material <input type="checkbox"/> Concrete <input type="checkbox"/> PVC <input type="checkbox"/> Other <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Steel
5	Other Casing Material
6	Inner Diameter (mm) <input type="checkbox"/> 053.60 mm (2.00") <input type="checkbox"/> 063.80 mm (2.50") <input type="checkbox"/> 076.60 mm (3.00") <input type="checkbox"/> 079.80 mm (3.10") <input type="checkbox"/> 093.60 mm (3.75") <input type="checkbox"/> 099.92 mm (4.00") <input type="checkbox"/> 100.00 mm (4.00") <input type="checkbox"/> 103.00 mm (4.00") <input type="checkbox"/> 110.80 mm (4.25") <input type="checkbox"/> 114.20 mm (4.50") <input type="checkbox"/> 123.00 mm (4.75") <input type="checkbox"/> 127.00 mm (5.00") <input type="checkbox"/> 130.00 mm (5.00") <input type="checkbox"/> 141.00 mm (5.50") <input type="checkbox"/> 145.00 mm (5.75") <input type="checkbox"/> 146.00 mm (5.75") <input type="checkbox"/> 150.00 mm (6.00") <input type="checkbox"/> 156.00 mm (6.00") <input type="checkbox"/> 164.40 mm (6.50") <input type="checkbox"/> 167.00 mm (6.50") <input type="checkbox"/> 169.00 mm (6.50") <input type="checkbox"/> 170.38 mm (6.75") <input type="checkbox"/> 175.00 mm (6.75") <input type="checkbox"/> 181.60 mm (7.00") <input type="checkbox"/> 203.00 mm (8.00") <input type="checkbox"/> 205.00 mm (8.00") <input type="checkbox"/> 209.00 mm (8.25") <input type="checkbox"/> 220.00 mm (8.75") <input type="checkbox"/> 227.00 mm (9.00") <input type="checkbox"/> 254.00 mm (10.0") <input type="checkbox"/> 255.00 mm (10.0") <input type="checkbox"/> 261.00 mm (10.25") <input type="checkbox"/> 266.70 mm (10.50") <input type="checkbox"/> 296.00 mm (11.50") <input type="checkbox"/> 305.00 mm (12.00") <input type="checkbox"/> 312.00 mm (12.25") <input type="checkbox"/> 337.00 mm (13.25") <input type="checkbox"/> 344.00 mm (13.50") <input type="checkbox"/> 387.00 mm (15.25")
7	Outer Diameter (mm) <input type="checkbox"/> 063.00 mm (2.50") <input type="checkbox"/> 075.00 mm (3.00") <input type="checkbox"/> 090.00 mm (3.50") <input type="checkbox"/> 110.00 mm (4.25") <input type="checkbox"/> 112.00 mm (4.50") <input type="checkbox"/> 113.00 mm (4.50") <input type="checkbox"/> 125.00 mm (5.00") <input type="checkbox"/> 140.00 mm (5.50") <input type="checkbox"/> 142.00 mm (5.50") <input type="checkbox"/> 146.00 mm (5.75") <input type="checkbox"/> 160.00 mm (6.25") <input type="checkbox"/> 165.00 mm (6.50") <input type="checkbox"/> 168.00 mm (6.50") <input type="checkbox"/> 175.00 mm (6.75") <input type="checkbox"/> 179.00 mm (7.00") <input type="checkbox"/> 180.00 mm (7.00") <input type="checkbox"/> 186.00 mm (7.25") <input type="checkbox"/> 200.00 mm (7.75") <input type="checkbox"/> 203.00 mm (8.00") <input type="checkbox"/> 210.00 mm (8.25") <input type="checkbox"/> 216.00 mm (8.50") <input type="checkbox"/> 221.00 mm (8.75") <input type="checkbox"/> 225.00 mm (9.00") <input type="checkbox"/> 250.00 mm (9.75") <input type="checkbox"/> 186.00 mm (7.25") <input type="checkbox"/> 200.00 mm (7.75") <input type="checkbox"/> 203.00 mm (8.00") <input type="checkbox"/> 210.00 mm (8.25") <input type="checkbox"/> 216.00 mm (8.50") <input type="checkbox"/> 221.00 mm (8.75") <input type="checkbox"/> 225.00 mm (9.00") <input type="checkbox"/> 250.00 mm (9.75") <input type="checkbox"/> 266.00 mm (10.50") <input type="checkbox"/> 273.00 mm (10.75") <input type="checkbox"/> 280.00 mm (11.00") <input type="checkbox"/> 315.00 mm (12.50") <input type="checkbox"/> 324.00 mm (12.75") <input type="checkbox"/> 349.00 mm (13.75") <input type="checkbox"/> 356.00 mm (14.00") <input type="checkbox"/> 399.00 mm (15.75")

Depth & Diameter Information	
1	Measurement Date (ccyy-mm-dd)
2	* Data Source
3	Reporting Institution
4	* Depth to Bottom (m)
5	Penetration Information Available <input type="checkbox"/> Yes
6	Depth Qualifier
7	Diameter (mm) <input type="checkbox"/> < 100 (4.0") <input type="checkbox"/> 127 (5.00") <input type="checkbox"/> 152 (6.00") <input type="checkbox"/> 165 (6.50") <input type="checkbox"/> 203 (8.00") <input type="checkbox"/> 216 (8.50") <input type="checkbox"/> 219 (8.75") <input type="checkbox"/> 250 (10.00") <input type="checkbox"/> 254 (10.00") <input type="checkbox"/> 305 (12.00") <input type="checkbox"/> 312 (12.50") <input type="checkbox"/> 324 (12.75") <input type="checkbox"/> 356 (14.00") <input type="checkbox"/> 406 (16.00") <input type="checkbox"/> 451 (18.00")

Discharge Rate Information			
1	* Measurement Date (ccyy-mm-dd)	* Measurement Time (hh:mm)	* Discharge Rate (l/s)
1			
2			
3	Discharge Type	<input type="checkbox"/> Airlift <input type="checkbox"/> Bailer	<input type="checkbox"/> Flowing <input type="checkbox"/> Pump
4	Discharge Method	<input type="checkbox"/> Estimated <input type="checkbox"/> Flow Meter <input type="checkbox"/> Flume <input type="checkbox"/> Submerged Orifice <input type="checkbox"/> Totalling Meter	<input type="checkbox"/> Venturi Meter <input type="checkbox"/> V-Notches <input type="checkbox"/> Volumetric Measurement <input type="checkbox"/> Weir
5	Data Source	<input type="checkbox"/> Check by Reporting Institution <input type="checkbox"/> Driller's Log <input type="checkbox"/> Geo Specialist's Record <input type="checkbox"/> Memory	<input type="checkbox"/> Owner's Record <input type="checkbox"/> Pump Operator's Record <input type="checkbox"/> Report/File

Water Level Information			
1	Reference Point		
1	Reference Point	<input type="checkbox"/> Casing Collar <input type="checkbox"/> Concrete Block	<input type="checkbox"/> Ground Surface <input type="checkbox"/> Intelligent Top Cap (ITC) Platform
2	Piezometer Number		
3	Measuring Method	<input type="checkbox"/> Airline <input type="checkbox"/> Autographic Recorder <input type="checkbox"/> Capacity Probe <input type="checkbox"/> Dip Meter <input type="checkbox"/> Electronic Data Logger <input type="checkbox"/> Estimated	<input type="checkbox"/> Pressure Gauge Measurement <input type="checkbox"/> Reported <input type="checkbox"/> Steel Tape
4	Water Level Status	<input type="checkbox"/> Affected by Pump (In Hole) <input type="checkbox"/> Affected by Pump (Nearby) <input type="checkbox"/> Artesian <input type="checkbox"/> Obstructed	<input type="checkbox"/> Static Water Level <input type="checkbox"/> Suspect Data <input type="checkbox"/> Temporarily Dry
	* Measurement Date (ccyy-mm-dd)	* Measurement Time (hh:mm)	* Water Level (m)
5			
6			
7	Data Source	<input type="checkbox"/> Check by Reporting Institution <input type="checkbox"/> Driller's Log <input type="checkbox"/> Geo Specialist's Record <input type="checkbox"/> Memory	<input type="checkbox"/> Owner's Record <input type="checkbox"/> Pump Operator's Record <input type="checkbox"/> Report/File

Site Visit Information		
1	Visit Date (ccyy-mm-dd)	
1	Visit Date (ccyy-mm-dd)	
2	Visit Reason	
3	* Site Visitor Surname	
4	* Site Visitor Initials	
Home Address (Site Visitor)		
5	Address Location	<input type="checkbox"/> Home
6	Address Type	<input type="checkbox"/> Postal <input type="checkbox"/> Physical
7	Address Text	
8	Suburb	
9	Town/City	
10	Postal Code	
Business Address (Site Visitor)		
11	Address Location	<input type="checkbox"/> Business
12	Address Type	<input type="checkbox"/> Postal <input type="checkbox"/> Physical
13	Building Name	
14	Office Number	
15	Street Name and Number	
16	Suburb	
17	Town/City	
18	Postal Code	
19	Telephone Number Location	<input type="checkbox"/> Business <input type="checkbox"/> Home
20	Contact Type	<input type="checkbox"/> Switchboard <input type="checkbox"/> Cellular <input type="checkbox"/> Email <input type="checkbox"/> Fax <input type="checkbox"/> Land Line
21	Dialling code	
22	Telephone Number	
23	Extension	

Equipment Installed Information (Monitoring)			
1	* <b>Monitoring Type</b>	<input type="checkbox"/> Abstraction Monitoring <input type="checkbox"/> Non Monitoring	<input type="checkbox"/> Rainfall Monitoring <input type="checkbox"/> Water Level Monitoring
<b>Water Level Monitoring</b>			
2	* <b>Installed Date</b> (ccyy-mm-dd)		3 <b>Decommissioned Date</b> (ccyy-mm-dd)
4	<b>Data Source</b>	<input type="checkbox"/> Check by Reporting Institution <input type="checkbox"/> Driller's Log <input type="checkbox"/> Geo Specialist's Record <input type="checkbox"/> Memory	<input type="checkbox"/> Owner's Record <input type="checkbox"/> Pump Operator's Record <input type="checkbox"/> Report/File
5	* <b>Equipment Type</b>	<input type="checkbox"/> Autographic Recorder <input type="checkbox"/> Electronic Data Logger <input type="checkbox"/> Hand <input type="checkbox"/> Other	<input type="checkbox"/> No Equipment <input type="checkbox"/> Volumetric Meter (Cummulator)
6	* <b>Electronic Data Logger</b>	<input type="checkbox"/> Airline bubbler OTT Orphimedes <input type="checkbox"/> Other <input type="checkbox"/> Shaft encoder OTT Thalimedes <input type="checkbox"/> Transducer Aquanaut (OTT) <input type="checkbox"/> Transducer: Eijkelkamp Baro <input type="checkbox"/> Transducer: Eijkelkamp Diver (CTD) <input type="checkbox"/> Transducer: Eijkelkamp Diver (OTD)	<input type="checkbox"/> Transducer: Eijkelkamp Diver (TD) <input type="checkbox"/> Transducer: OTT Mini Orpheus <input type="checkbox"/> Transducer: Solinst Barologger <input type="checkbox"/> Transducer: Solinst Levellogger LT <input type="checkbox"/> Transducer: Solinst Levellogger LTC <input type="checkbox"/> Transducer: STS
7	** <b>Other Electronic Data Logger Type</b>		
8	<b>Electronic Data Logger Manufacturer</b>	<input type="checkbox"/> Eijkelkamp <input type="checkbox"/> Other	<input type="checkbox"/> OTT <input type="checkbox"/> STS
9	** <b>Other Electronic Data Logger Manufacturer</b>		
10	<b>Serial Number (Data Logger)</b>		
11	<b>Measurement Method</b>	<input type="checkbox"/> Airline (Orphimedes) <input type="checkbox"/> Echosounder <input type="checkbox"/> Other	<input type="checkbox"/> Float Principal (Thalimedes) <input type="checkbox"/> Transducer
<b>Rainfall Monitoring</b>			
2	* <b>Installed Date</b> (ccyy-mm-dd)		3 <b>Decommissioned Date</b> (ccyy-mm-dd)
4	<b>Data Source</b>	<input type="checkbox"/> Check by Reporting Institution <input type="checkbox"/> Driller's Log <input type="checkbox"/> Geo Specialist's Record <input type="checkbox"/> Memory	<input type="checkbox"/> Owner's Record <input type="checkbox"/> Pump Operator's Record <input type="checkbox"/> Report/File
5	* <b>Equipment Type</b>	<input type="checkbox"/> Electronic Data Logger <input type="checkbox"/> Hand	<input type="checkbox"/> Volumetric Meter (Cummulator) <input type="checkbox"/> Other
6	** <b>Other Equipment Type</b>		
<b>Abstraction Monitoring Pump</b>			
2	* <b>Installed Date</b> (ccyy-mm-dd)		3 <b>Decommissioned Date</b> (ccyy-mm-dd)
4	<b>Data Source</b>	<input type="checkbox"/> Check by Reporting Institution <input type="checkbox"/> Driller's Log <input type="checkbox"/> Geo Specialist's Record <input type="checkbox"/> Memory	<input type="checkbox"/> Owner's Record <input type="checkbox"/> Pump Operator's Record <input type="checkbox"/> Report/File
5	* <b>Pump Type</b>	<input type="checkbox"/> Jet <input type="checkbox"/> Mono Type Pump <input type="checkbox"/> Positive Displacement	<input type="checkbox"/> Submersible Pump <input type="checkbox"/> Turbine
6	<b>Depth to Pump Intake</b> (m below surface)		
7	<b>Pump Power Source</b>	<input type="checkbox"/> Compressed Air <input type="checkbox"/> Electricity <input type="checkbox"/> Fuel	<input type="checkbox"/> Hand <input type="checkbox"/> Sun <input type="checkbox"/> Wind
8	<b>Power Rating (kW)</b>		
9	<b>Pump Manufacturer</b>		
10	<b>Serial Number</b>		
11	<b>Riser Main Material</b>	<input type="checkbox"/> Flexible Hosing <input type="checkbox"/> uPVC	<input type="checkbox"/> Steel
12	<b>Riser Diameter (mm)</b>		
<b>Abstraction Monitoring Meter</b>			
2	<b>Installed Date</b> (ccyy-mm-dd)		3 <b>Decommissioned Date</b> (ccyy-mm-dd)
4	<b>Data Source</b>	<input type="checkbox"/> Check by Reporting Institution <input type="checkbox"/> Driller's Log <input type="checkbox"/> Geo Specialist's Record <input type="checkbox"/> Memory	<input type="checkbox"/> Owner's Record <input type="checkbox"/> Pump Operator's Record <input type="checkbox"/> Report/File
5	<b>Meter Type</b>	<input type="checkbox"/> Hour Meter ( h ) <input type="checkbox"/> Power Meter ( kWh )	<input type="checkbox"/> Water Meter ( m <sup>3</sup> )
6	<b>Serial Number</b>		
7	<b>Supplying Company</b>		
8	<b>Supplying Contractor</b>		

Equipment Installed Information (Non-Monitoring)	
1 * Installed Date (ccyy-mm-dd)	2 Decommissioned Date (ccyy-mm-dd)
3 Data Source	<input type="checkbox"/> Check by Reporting Institution <input type="checkbox"/> Driller's Log <input type="checkbox"/> Geo Specialist's Record <input type="checkbox"/> Memory <input type="checkbox"/> Owner's Record <input type="checkbox"/> Pump Operator's Record <input type="checkbox"/> Report/File
4 * Pump Type	<input type="checkbox"/> Jet <input type="checkbox"/> Mono Type Pump <input type="checkbox"/> Positive Displacement <input type="checkbox"/> Submersible Pump <input type="checkbox"/> Turbine
5 Depth to Pump Intake (m below surface)	
6 Pump Power Source	<input type="checkbox"/> Compressed Air <input type="checkbox"/> Electricity <input type="checkbox"/> Fuel <input type="checkbox"/> Hand <input type="checkbox"/> Sun <input type="checkbox"/> Wind
7 Power Rating (kW)	
8 Pump Manufacturer	
9 Serial Number	
10 Riser Main Material	<input type="checkbox"/> Flexible Hosing <input type="checkbox"/> uPVC <input type="checkbox"/> Steel
11 Riser Diameter (mm)	

Field Measurement Information	
Sampling point	<input type="checkbox"/> NON - STATION <input type="checkbox"/> STATION
* Sample #	
1 * Measurement Date (ccyy-mm-dd)	
2 * Measurement Time (hh:mm)	
3 Measurement Depth (m)	
4 * Electrical Conductivity (EC) (mS/m)	
OR	
5 * pH (values 0-14)	
OR	
6 * Temperature (°C)	
OR	
7 * Bicarbonate (HCO <sub>3</sub> ) (mg/l)	
8 Data Source	<input type="checkbox"/> Check by Reporting Institution <input type="checkbox"/> Driller's Log <input type="checkbox"/> Geo Specialist's Record <input type="checkbox"/> Owner's Record <input type="checkbox"/> Pump Operator's Record <input type="checkbox"/> Report / File
9 Piezometer Number	
<b>Water Sample For Chemical Analysis</b>	
1 Sampling Type	<input type="checkbox"/> Groundwater <input type="checkbox"/> Surface water <input type="checkbox"/> Rainfall water
2 Sampling Method	<input type="checkbox"/> Irregular Interval GRAB <input type="checkbox"/> Pumped <input type="checkbox"/> Flowing
3 Analyse for	<input checked="" type="checkbox"/> Macro (Normal) <input type="checkbox"/> Micro (Cl < 5 mg/l) <input type="checkbox"/> Macro + Boron (B) <input type="checkbox"/> Macro + Turb <input type="checkbox"/> Al + Fe <input type="checkbox"/> Total Organic Carbon (TOC) <input type="checkbox"/> Macro + KN +TP <input type="checkbox"/> Macro + B + KN +TP <input type="checkbox"/> Toxicity <input type="checkbox"/> Hg <input type="checkbox"/> Trace Elements <input type="checkbox"/> Li <b>radio isotopes</b> <input type="checkbox"/> Carbon <sup>14</sup> C (radioactive) <input type="checkbox"/> Tritium (Hydrogen <sup>3</sup> H (radioactive)) <input type="checkbox"/> Chlorine <sup>36</sup> Cl (radioactive) <input type="checkbox"/> Strontium <sup>87</sup> Sr <input type="checkbox"/> Radon <sup>222</sup> Rn (radioactive) <b>stable isotopes</b> <input type="checkbox"/> Deuterium (Hydrogen <sup>2</sup> H) <input type="checkbox"/> Oxygen <sup>18</sup> O, <sup>17</sup> O <input type="checkbox"/> Carbon <sup>12</sup> C, <sup>13</sup> C <input type="checkbox"/> Nitrogen <sup>14</sup> N, <sup>15</sup> N
4 Preserve Type	<input type="checkbox"/> Unpreserved <input type="checkbox"/> Hg Cl <sub>2</sub> <input type="checkbox"/> HNO <sub>3</sub> <input type="checkbox"/> H <sub>2</sub> SO <sub>4</sub> <input type="checkbox"/> Na OH <input type="checkbox"/> Cooling
5 Sampler Name & Initials	
6 FOR OFFICE USE ONLY	Sample number <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>