

Glyn Rhonwy Pumped Storage Development Consent Order

Glossary



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Regulation	5(2)(q)	
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Glossary

2012 ES	The Environmental Statement which accompanied the application for the 49.9MW pumped storage scheme
Access Land	Land designated in terms of the Countryside Rights of Way Act 2000 and open to the public for the purposes of recreation
Act	The Planning Act 2008
Approved scheme	The 49.9MW Glyn Rhonwy Pumped Storage facility approved under the Town and Country Planning Act 1990
Book of Reference	The document in five parts produced in accordance with the provisions of Regulation 7 and given Document Reference 4.03.
Common	Land registered as a Common under the provisions of the Commons Act 1965
Convention	The European Convention on Human Rights
Development Site	Land within the Order Limits shown in ES Volume 4, Figure 1.2; the area extending to 91.24 hectares at Glyn Rhonwy and Chawrel Fawr Quarries, near LLanberis.
Development	The 99.9MW Pumped Storage Facility proposed within the DCO application
Draft ES	The Draft Environmental Statement (February 2015) which was presented as Preliminary Environmental Information (PEI) as part of the consultation under s42 and s47 of the Act
Final ES	The Final Environmental Statement submitted with the DCO application to the Planning Inspectorate (PINs) (this document).
Funding Statement	The Funding Statement setting out how the costs of compulsory acquisition will be met submitted as part of the Application in accordance with Regulation 5(2)(h) and given Document Reference 4.02.
Grid Connection Statement	The statement setting out how the Development will be connected to the grid submitted as part of the Application

	in accordance with Regulation 6(1)(a)(i) and given Document Reference 9.01.
Guidance	The Planning Act 2008, Guidance related to procedures for the compulsory acquisition of land published by the Department for Communities and Local Government, September 2013.
Headpond	Upper reservoir Q1 Chwarel Fawr
National Grid	National Grid plc, the systems operator of the grid.
Open Space	Any land used for the purposes of public recreation.
Order	The Glyn Rhonwy Pumped Storage Order 201[X].
Order Land	The land and rights over land for which compulsory powers of acquisition are sought in the Order as set out in the Book of Reference.
Order Limits	The red line boundary of the Development in the DCO
Penstock	The pipe connecting Q1 to the power house
Plot	Each piece or area of land identified individually in Book of Reference and any reference to a Plot or Plots or a numbered Plot shall be construed accordingly.
Power House	Above Ground building containing the pumps and the turbines
Q1	Quarry 1 - Chwarel Fawr
Q2	Quarry 2 - Chwarel Cefn Du
Q3	Quarry 3 - Cook
Q4	Quarry 4 - Ddol
Q5	Quarry 5 - unnamed but known locally as Gideon Quarry (previously known as Glynrhonwy)
Q6	Quarry 6 - Glyn Rhonwy (also locally known as Mancer Quarry)
Q7	Quarry 7- Unnamed and is a smaller quarry excavated between and to the south of Glyn Rhonwy (Q6) and the former munitions store (Q8). It has been used to dispose of slate waste and has

	more established vegetation colonising its base than other quarries at the site.
Q8	Quarry 8 - former WWII munitions store (known locally as the bombstore)
Ramsar	Wetlands of international importance, designated under the Ramsar Convention
Regulations	The infrastructure Planning (Applications, Prescribed Forms and Procedure) Regulations 2009 and “Regulation” shall be a reference to the appropriate part of those Regulations
Spillways	Discharge point from the headpond and a joint discharge/abstraction from the tailpond
T&CPA application	The approved application submitted under the Town and Country Planning Act approved by Gwynedd Council
Tailpond	Lower reservoir Q6 Glyn Rhonwy Quarry
Tailrace	The pipe connecting the power house to Q6
The Applicant	Snowdonia Pumped Hydro Limited (SPH)

Abbreviations

µg/l	Micrograms per litre
µg/m ³	Micrograms per cubic metre
µm	Micrometre
µS/cm	Micro Siemens per centimetre
A	Ampere
AA	Appropriate Assessment
AAD	Anti-Aircraft Devices
AADT	Annual Average Daily Traffic
ACPO	Association of Chief Police Officers
AD	Anno Domini
AGL	Above Ground Level
AIS	Air Insulated Switchgear
ALARP	As Low As Reasonably Possible
ANFO	Ammonium Nitrate- Fuel Oil
AOB	Any Other Business
AOD	Above Ordnance Datum
AONB	Area of Outstanding Natural Beauty
AP	Anti-Personnel
APFP	Applications: Prescribed Forms and Procedures Regulations 2009
AQMA	Air Quality Management Area
AQS	Air Quality Strategy
ARP	Air Raid precaution
ARPE	All Reservoir Panel Engineer
ASIDOHL	Assessment of Significance of Impact of Development on Historic Landscapes

AXO	Abandoned Explosive Ordnance
B&B	Bed and Breakfast
Ba	Barium
BAI	Bat Activity Index
BAP	Biodiversity Action Plan
BARS	Biodiversity Action Reporting System
BAT	Best Available Technique
BC	Before Christ
BCT	Bat Conservation Trust
BERR	Business, Enterprise and Regulatory Reform
BGS	British Geological Survey
BMC	British Mountaineering Council
BME	Black or Minority Ethnic
bn	Billion
BoCC	Birds of Conservation Concern
BOD	Biological Oxygen Demand
BPM	Best Practicable Means
BQE	Biological Quality Elements
BRC	Biological Records Centre
BRE	Building Research Establishment
BS	British Standard
BS4142	British Standard – Method for Rating Industrial Noise Affecting Mixed Residential and Industrial Areas
BS5228	British Standard – Code of Practice for Noise and Vibration Control on Construction and Open Sites
BS5837	British Standard – Recommendations for the Management of Trees in Relation to Design, Demolition and Construction (2012)

BS6472	British Standard – Guide to Evaluation of Human Exposure to Vibration in Buildings
BS7385	British Standard- Evaluation and measurement for vibration in buildings.
BS7445	British Standard- Description and Measurement of Environmental Noise
BS EN ISO 14001:2004	British Standard Environmental Management System Guidelines
BS EN ISO 9001:2008	British Standard Quality Management Systems
BS OHSAS 18001:2007	British Standard Occupational Health and Safety Management: Reduce workplace hazards and boost employee morale
BSI	British Standards Institution
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes
BTO	British Trust for Ornithology
BWW	Better Woodlands for Wales
C	Construction
C ₂ Cl ₆	Hexachloroethane
CA	Competent Authority
CAA	Civil Aviation Authority
CaCO ₃	Calcium Carbonate
Cadw	Welsh Government’s historic environment service
CADW	Welsh Government’s historic environment service
CAGR	Compound Annual Growth Rate Consulting Group
CAS	Chemical Abstract Service
CaSi ₂	Calcium Silicide
CBC	Common Birds Census
CCR	Carbon Capture Readiness

CCS	Carbon Capture Storage
CCTV	Closed Circuit Television
CCW	Countryside Council for Wales (now NRW)
CDM	Construction Design and Management
CEMP	Construction Environmental Management Plan
CEN	European Committee for Standardization
CEP	Cambrian Ecology Partnership
CFMP	Catchment Flood Management Plan
CHEGD	Fungi Group composed of Clavariaceae (Fairy Clubs) , Hygrocybe (Waxcaps), Entoloma (Pinkgills), Geoglossaceae (Earth Tongues), and Dermoloma, Porpoloma and Camarophyllopsis.
CHP	Combined Heat and Power
CIEEM	Chartered Institute of Ecology and Environmental Management
ClfA	Chartered Institute for Archaeologists
CIRIA	Construction Industry Research and Information Association
CL	Common Lizard
CLR	Contaminated Land Report
cm	Centimetre
CMC	Customer Management Centre
CMD	Conventional Munitions Disposal
CNS	Central Nervous System
CO ₂	Carbon Dioxide
CoCP	Code of Construction Practice
COD	Chemical Oxygen Demand
COMAH	Control of Major Accident Hazards
COMEAP	Committee on Medical Effects of Air Pollution community)
CoPA	Control of Pollution Act

CPET	Chironomid Pupal Exuvial Technique
CPO	Compulsory Purchase Power
CPO	Chief Planning Officers
CRAPW	Central Register of Air Photography in Wales
CRoW	Countryside and Rights of Way Act 2000
CSM	Conceptual Site Model
CSSP	Construction Site Safety Plan
CTMP	Construction Traffic Management Plan
Cu	Copper
CWS	Candidate Wildlife Site
D	Development
DAM	Development Advice Map
dB	Decibel
dB _(A)	Decibel measurement according to the “A” weighted scale
dB _(lin)	Decibel measurement without any adjustment
DBH	Diameter at Breast Height
DC	Direct Current
DCLG	Department of Communities and Local Government
DCO	Development Consent Order
DCWW	Dŵr Cymru Welsh Water
DD	Data Deficient
DDA	Disability Discrimination Act
DECC	Department of Energy & Climate Change
DEFRA	Department of Environment, Food and Rural Affairs
DEMP	Decommissioning Environmental Management Plan
DfT	Department for Transportation

DMP	Dust Management Plan
DMRB	Design Manual for Roads & Bridges
DNO	District Network Operator
DO	Dissolved Oxygen
DoE	Department of the Environment
DPT	Dynamic Probe Tests
DrWPA	Drinking Water Protected Area
DTLR	Department of Transport, Local Government & the Regions
DTM	Digital/Detailed Terrain Model
EA	Environment Agency
EAW	Environment Agency Wales (now NRW)
EC	European Commission
EcIA	Ecological Impact Assessment
ECON	Ecological Consultancy Ltd
ECoW	Ecological/Environmental Clerk of Works
EEA	European Economic Area
EEC	European Economic Community
EHO	Environmental Health Officer
EIA	Environmental Impact Assessment
ELF EMF	Extremely Low Frequency Electromagnetic Fields
ELV	Emission Limit Values
EMF	Electromagnetic Fields
EMP	Emergency Management Plan
EMR	Electricity Market Reform
EMS	Environmental Management System
EN-1	Overarching National Policy Statement for Energy

EN-2	National Policy Statement for Fossil Fuel Electricity Generation
EN-5	National Policy Statement for Electricity Networks Infrastructure
ENSIS	Environmental Scientific Services
EO	Explosive Ordnance
EOC	Explosive Ordnance Clearance
EOD	Explosive Ordnance Disposal
EOR	Explosive Ordnance Reconnaissance
EPH CWG	Extractable Petroleum Hydrocarbons Criteria Working Group
EPR	Environmental Permitting Regulations
EPS	European Protected Species
EPUK	Environmental Protection UK
EQS	Environmental Quality Systems
ERFRMP	Emergency Response and Flood Risk Management Plan
ERW	Explosive Remnants of War
ES	Environmental Statement
ESA	Explosive Substances and Articles
EU	European Union
EUSR	Energy & Utility Skills Register
FAQ	Frequently Asked Questions
FCA	Flood Consequences Assessment
FCR	Foamed Concrete for Reinstatements
FFE	Free From Explosives
FRA	Flood Risk Assessment
FSC	Forest Stewardship Council
g	Gram
GAPS	Gwynedd Archaeological Planning Service

GAT	Gwynedd Archaeological Trust
GC	Gwynedd Council
GCC	Gwynedd County Council
GCMS	Gas chromatography–mass spectrometry
GDP	Gross Domestic Product
GES	Good Ecological Status
GI	Ground/Geotechnical Investigation
GIS	Gas Insulated Switchgear
GIS	Geographic Information System
GLA & LC	Greater London Authority and London Councils
GLA	Greater London Authority
GLVIA	Guidelines for Landscape and Visual Impact Assessment
GP3	Groundwater Protection: Principles And Practice
GPS	Global Positioning Systems
GR	Grid Reference
GRO	Gasoline Range Organics
GT	Gas Transporter
GUDP	Gwynedd Unitary Development Plan
GW	Giga Watt
H	Height of peak reservoir level above base of dam
Ha/ha	Hectare
HAP	Habitat Action Plan
HASP	Health and Safety Plan
HDD	Horizontal Directional Drilling
HDPE	High Density Poly-Ethylene
HDV	Heavy Duty Vehicle

HE	High Explosive (Bombs)
HER	Historic Environment Record
HES	High Ecological Status
HGV	Heavy Goods Vehicle
HIA	Health Impact Assessment
HLCA	Historic Landscape Character Area
HMP	Habitat Management Plan
HMSO	Her Majesties Stationary Office
HMWB	Highly Modified Water Body
HNP	Horizon Nuclear Power
HOF	Hands off Flow
HP	Houses of Parliament
HPA	Health Protection Agency
HRA	Habitats Regulations Assessment
HSC	Hazardous Substances Consent
HSE	Health and Safety Executive
HSG	Health and Safety Guidance
HSG38	Health and Safety Executive Guidance for Lighting at Work and also Bat Conservation Trust Statement on the Impact and Design of Artificial Light on Bats (May 2011)
Hz	Hertz
IAQM	Institute of Air Quality Management
IB	Incendiary Bomb
ICNIRP	International Commission on Non-ionizing Radiation Protection
ICP	Independent Connection Provider
ICP-MS	Inductively coupled plasma mass spectrometry
ICP-OES	inductively coupled plasma optical emission spectrometry

IED	Improvised Explosive Device
IEDD	Improvised Explosive Device Disposal
IEEM	Institute of Ecology and Environmental Management
IEMA	Institute of Environmental Management and Assessment
IfA	Institute for Archaeologists
IHT	Institute of Highways and Transportation
IMS	AECOMs Integrated Management System
INNS	Invasive Non-Native Species
IPC	Infrastructure Planning Commission
IR	Internationally Responsibility
IRATA	Industrial Rope Access Trade Association
IROPI	Imperative Reasons of Overriding Public Interest
ISO	International Organisation for Standardisation
IUCN	International Union for Conservation of Nature
JLDP	Joint Local Development Plan
JNCC	Joint Nature Conservation Committee
JSEODOC	Joint Services EOD Operations Centre
kg	Kilogram
kHz	Kilohertz
km	Kilometre
KMC	Kent Mountain Centre
kv	Kilovolt – measure of electrical current
KVa	KiloVolt Ampere
kW	Kilowatt
LA ₁₀	A noise assessment value – UK’s adopted index for quantifying road traffic noise

LA ₉₀	A noise assessment value – an indicator of background noise
LA _{eq}	A noise assessment value – the equivalent continuous noise level
LA _{eq, t}	A noise assessment value – the equivalent continuous noise level measured over a period of time
LA _{eq,1h}	A noise assessment value – the equivalent continuous noise level (hourly level)
LA _{Fmax}	A noise assessment value – an indicator of maximum noise events
LA _{max}	A noise assessment value – an indicator of maximum noise events
LAQM	Local Air Quality Management
LAQM.TG	Local Air Quality Management Technical Guidance
LArTr	The specific noise level corrected to allow for certain distinctive acoustic features
LBAP	Local Biodiversity Action Plan
LCA	Landscape Character Area
LCPD	Large Combustion Plant Directive
LDP	Local Development Plan
LDS	Land Discovery Strategy
LF	Lichenicolous Fungi
LFN	Low Frequency Noise
LHA	Local Highway Authority
LIR	Local Impact Report
LNCS	Local Natura Conservation Site
LNR	Local Nature Reserve
LNR	Local Nature Reserve
LNWR	London & North Western Railway
LOD	Limit of Detection
LOHI	Landscape of Outstanding Historic Interest

LPA	Local Planning Authority
LRC	Local Records Centre
LRP	Landscape Reinstatement Plan
LSE	Likely Significance Effects
LSOAs	Lower Layer Super Output Areas
LT	Lower Transect
LTRs	Long Term Retentions
LVIA	Landscape & Visual Impact Assessment
LWS	Local Wildlife Sites
m	Metres
m/s	Metres per second
m ²	Square metres
m ³	Cubic metres
MAGIC	Multi Agency Geographic Information for the Countryside
MC	Medium Capacity (bomb)
MCIEEM	Member of the Chartered Institute of Ecology and Environmental Management
mg	Milligrams
mg/l	Milligrams per litre
mm	Millimetres
mm/s	Millimetres per second
MMP	Materials Management Plan
MMU	Mobile Meteorological Unit
MOD	Ministry Of Defence
MOE	Margin of Exposure
MOLF	Marine Off-Loading Facility

MoU	Memorandum of Understanding
MPG	Minerals Planning Guidance
MRP	Molybdate Reactive Phosphorus
MTAN	Minerals Technical Advice Note
MTAN1	Minerals Technical Advice Note 1
MU	Maintenance Unit
MW	Megawatts
MWC	Main Works Contractor
MWe	Mega Watts Electrical – measure of energy, one million watts
MWh	Mega Watt Hours – measure of energy generated in hours
N	Nitrogen
N/A	Not Applicable or Available
N ₂ O	Nitrous Oxide
NANR45	Procedure for the assessment of low frequency noise complaints
NAP	Noise Action Plan
NBMP	National Bat Monitoring Programme
NBN	National Biodiversity Network
NCB	National Conservation Body
NERC	Natural Environment and Rural Communities (Act)
NGR	National Grid Reference
NJUG	National Joint Utilities Group
NLS	National Laboratory Service
NMA	Non-Material Amendment
NMP	Noise Management Plan
NMRW	National Monuments Record for Wales
NNR	National Nature Reserve

NO	Nitric Oxide
NO ₂	Nitrogen Dioxide
NO _x	Nitrogen Oxide
NP	National Park
NPL	National Physical Laboratory
NPPF	National Planning Policy Framework
NPS	National Policy Statement
NPSH	Net Positive Suction Head
NR	Nationally Rare
NRPB	National Radiological Protection Board
NRSWA	New Roads and Street Works Act 1991
NRW	Natural Resources Wales (formally EAW and CCW)
NS	Nationally Scarce
NSER	No Significant Effects Report
NSIP	Nationally Significant Infrastructure Project
NsNR	Non-Statutory Nature Reserve
NSR	Noise Sensitive Receptor
NSW	New South Wales
NT	Near Threatened
NTS	Non-Technical Summary
NVC	National Vegetation Classification
NW	North West
O	Operation
OD	Ordnance Datum
ODPM	Office of the Deputy Prime Minister
OFGEM	Office of Gas and Electricity Markets

OFWAT	Office of Water services: The Water Services Regulation Authority
OLO	Other Licensed Operator
OLS	Office of Labour Statistics
OMHOPDL	Open Mosaic Habitats on Previously Developed Land
ONS	Office of National Statistics
OS	Ordinance Survey
OSNGR	Ordinance Survey National Grid Reference
P	Phosphorus
PA 2008	Planning Act 2008
PADI	Professional Association of Diving Instructors
PAH	Polycyclic Aromatic Hydrocarbon
PAS	Point Abundance Sampling
PASE	Point Abundance Sampling by Electrofishing
Pb	Lead
PC	Principal Contractor
PCU	Passenger Car Units
PD	Probability of Detonation
PDA	Personal Digital Assistant
PE	Probability of Encounter
PEI	Preliminary Environmental Information
PEIR	Preliminary Environmental Information Report
PFRA	Preliminary Flood Risk Assessment
pH	Measure of acidity or basicity of an aqueous solution
PHE	Public Health England
PHE-CRCE	PHE Centre for Radiation, Chemicals and Environmental Hazards
PHW	Public Health Wales

PILs	Persons with an interest in the land
PINS	Planning Inspectorate
PM	Parachute Mines
PM ₁₀	Extremely small particulates or particulate matter (in the order of ~10 micrometres or less)
PM _{2.5}	Extremely small particulates or particulate matter (in the order of ~2.5 micrometres or less)
PMF	Probable Maximum Flood
PO	Plot Output
PPG	Pollution Prevention Guidelines
PPP	Pollution Prevention Plan
PPV	Peak Particle Velocity
PPW	Planning Policy Wales
PQQ	Pre-Qualification Questionnaire proposed application)
PRoW	Public Rights of Way
PS	Pumped Storage
PTES	People's Trust for Endangered Species
PUCA	Pick Up and Carry Away
PVC	Polyvinyl chloride
Q	Quarry
Q1	Quarry 1- Chwarel Fawr
Q2	Quarry 2- Chwarel Cefn Du
Q3	Quarry 3- Cook
Q4	Quarry 4- Ddol
Q5	Quarry 5- unnamed but known locally as Gideon Quarry (previously known as Glynrhonwy)
Q6	Quarry 6- Glyn Rhonwy (also locally known as Mancer Quarry)

Q7	Quarry 7- Unnamed and is a smaller quarry excavated between and to the south of Glyn Rhonwy (Q6) and the former munitions store (Q8). It has been used to dispose of slate waste and has more established vegetation colonising its base than other quarries at the site.
Q8	Quarry 8 former WWII munitions store (known locally as the bombstore)
QBC	Quarry Battery Company
QUARG	Quality of Urban Air Review Group
QV	Quarry Voids
RAF	Royal Air Force
RAOC	Royal Army Ordnance Corps
RAWS	Restored Ancient Woodland Site
RBD	River Basin District
RBMP	River Basin Management Plan
RCAHMW	Royal Commission on the Ancient and Historical Monuments of Wales
RD	Rural District
RDB	Red Data Book
RE	Royal Engineers
RFID	Radio Frequency Identification Devices
RLP	Reinstatement/Landscape Plan
RN	Royal Navy
RPA	Root Protection Area
RSPB	Royal Society for the Protection of Birds
s42	Section 42 of the Planning Act 2008 (duty to consult)
s43	Section 43 of the Planning Act 2008 (Local Authorities for purposes of section 42(b))

s44	Section 44 of the Planning Act 2008 (Categories for purposes of section 42(d))
s45	Section 45 of the Planning Act 2008 (Timetable for consultation under section 42)
s46	Section 46 of the Planning Act 2008 (Duty to notify Commission of proposed application)
s47	Section 47 of the Planning Act 2008 (duty to consult local community)
s48	Section 48 of the Planning Act 2008 (duty to publicise)
SAA	Small Arms Ammunition
SAAR	Seasonally Adjusted Annual Rate
SAC	Special Area of Conservation
SAGE	Stakeholder Advisory Group on ELF EMFs
SAP	Species Action Plan
SCR	Solid Core Recovery
SD	Secure Digital
SEPA	Scottish Environment Protection Agency
SI	Site Investigation
SINC	Sites of Interest for Nature Conservation
SMB	Surface Marky Buoy
SMP	Silt Management Plan
Sn	Tin
SNH	Scottish Natural Heritage
SNP	Snowdonia National Park
SNPA	Snowdonia National Park Authority
SoCC	Statement of Community Consultation
SoS	Secretary of State
SP	Scottish Power

SP	Strategic Policy
SPA	Special Protection Area
SPG	Supplementary Planning Guidance
SPH	Snowdonia Pumped Hydro
SPZ	Source Protection Zone
SRP	Soluble Reactive Phosphorus
SSSI	Site of Special Scientific Interest
STEAM	Scarborough Tourism Economic Activity Monitor
STIAA	Statement to Inform an Appropriate Assessment
STOR	Standing Operating Reserve
STORR	Short Term Operating Reserve Requirement
SUDS	Sustainable Urban Drainage Systems
SVOC	Semivolatile Organic Compounds
SW	Slow Worm
SWL	Sound Power Level
SWMP	Site Waste Management Plan
T&CPA	Town & Country Planning Act 1990
TAN	Technical Advice Note
TBC	To Be Confirmed
TBM	Tunnel Boring Machine
TEP	Time Expired Pyrotechnics
TN	Target Note
TP	Travel Plan
TPH CWG	Total Petroleum Hydrocarbon Criteria Working Group
TPH	Total Petroleum Hydrocarbons
TPO	Tree Preservation Order

TWL	Top Water Level
UCL	University College London
UDP	Unitary Development Plan
UKAS	United Kingdom Accreditation Service
UKBAP	UK Biodiversity Action Plan
UKTAG	UK Technical Advisory Group
UKWAS	United Kingdom Woodland Assurance Scheme
UNFCCC	United Nations Framework Convention on Climate Change
UT	Upper Transect
UXB	Unexploded Bomb
UXO	Unexploded Ordnance
V	Volt
VOC	Volatile Organic Compounds
VTS	Visual Tree Assessment
VU	Vulnerable
VVM	Verified View Montages
WAG	Welsh Assembly Government
WCA	Wildlife and Countryside Act 1981
WCA	Wildlife Conservation Act
WDA	Welsh Development Agency
WFD	Water Framework Directive
WG	Welsh Government
WHO	World Health Organisation
WIMD	Welsh Index of Multiple Deprivation
WL	Water Level
WMP	Waste Management Plan

WRA	Water Resources Act
WS	Wildlife Site
WSI	Written Scheme of Investigation
WSP	Wales Spatial Plan
WTMP	Water Management Plan
WWII	World War II
WwTW	Waste water Treatment Works
WWU	Wales & West Utilities
Zn	Zinc
ZnO	Zinc Oxide
ZTV	Zone of Theoretical Visibility