

Clean
Rivers
Trust

Registered Charity No: 1037414

Annual Report
And
Accounts

30th November 2018

(1st December 2017 - 30th November 2018)

73 Sir Harrys Road, Edgbaston, Birmingham B15 2UX

Information.

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This report is the legal annual report and accounts of Clean Rivers Trust, as lodged with, and submitted to the Charity Commission. Registered Charity Number 1037414. The Charity is based at 73 Sir Harrys Road, Edgbaston, Birmingham B15 2UX UK. Phone 0121 440 8046.

This document is produced and published using environmentally sustainable materials.

Legal and Administrative Information.

Trustees; Rodney Gilmour, Peter Jones OBE, Laura Bishop, Dr Keith Gregson, Lawrence van Kampen-Brooks, Paul Southby, Dr Sally Little and Dr Matt Johnson.

Director: Dr Harvey Wood Dip AD, FRSA, FRGS, FGS, FLS, LSDC
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Trust Address: 73 Sir Harrys Road, Edgbaston, Birmingham B15 2UX
Phone: 0121 440 8046

Web Site: www.cleanriverstrust.co.uk

Accounts Examiner/Auditor:

Bankers.

Barclays Bank plc, Market Place, Newark, Nottinghamshire.

Santander, Market Place, Newark, Nottinghamshire.

Solicitors.

BrowneJacobson LLP, Mowbray House, Castle Meadow Road, Nottingham NG2 1BJ

Meetings.

The Trustees convened four times in the financial period 1st December 2016 to 30th November 2017.

Directors Report.

This last year has been the busiest period in the Trust's history with a large number of projects, new and continuing. Some of the old reaching important milestones and allowing demonstration of both new technologies and our well trialled methodologies. We are reaching a critical point in our research with one of the most intractable pollution problems seen in 1st world rivers and watercourses.

The Trust has worked on issues to do with minewater, contaminated land, development, arsenic pollution, energy from groundwater, archaeology, conservation/ecology, landfill leachate, wetlands carbon sequestration and the treatment of endocrine disrupters. Our academic partners in research have included, John Moores Liverpool, Nottingham, Nottingham Trent, Yale, Universities and Imperial College London.

The Trust has worked on projects across the UK, including mine sites across the Pennines, Devon, Nottinghamshire, Derbyshire, Fife, South and North Wales. Research on landfill and leachate issues has been carried out in Bedfordshire, Derbyshire and South Yorkshire. Tar pit research into remediation has been focused on Cinderhill in Derbyshire and Birmingham. Cambridgeshire, Northumberland and Nottingham have been the focus of energy development from ground and minewater. Archaeology has involved us around the Trent Valley and more especially in the 60 square miles around Newark upon Trent.

The Trust is working on Arsenic pollution with the Environment Agency in Derbyshire whilst our work on endocrine disrupters has been based in Birmingham with links to activities in California. This work should reach some significant findings in the next twelve months once a major UK water company and ourselves demonstrates results from new research.

Carbon sequestration is as yet an area of research in the UK that fascinates academics but unlike in the US companies are unwilling to consider action or investment. This is true of all but a few local authorities. The issues of global warming are overshadowed by those of the disposable coffee cup at present in the UK.

Our work on plastics pollution is ongoing. The relationship with Plastic Soup is ongoing. Research planned by the University of Nottingham with international partners and ourselves is about to get underway. Our own research into capturing plastics is looking to the revival of the Lee Marston lagoons (or a similar scheme for a trial) that helped lessen river born pollution entering the River Trent from the Tame catchment that drains most of the Birmingham conurbation.

Work on minewater pollution continues, the lead and other metal mines being our main focus for remediation and research this year. The use of water polluted in some location with rare earths being an attractive solution to funding full scale remediation projects across the UK.

The most time expended on any one piece of work this last year has been based around the acid tar pits at Cinderhill near Belper in Derbyshire. The tar, the residues from recycling used engine oils which were deposited into old clay pits in the 1970s. These have become a problem to the Environment Agency and the local authority and much of the area now registered as contaminated under Part II A of the Control of Pollution Act 1990, a threats to the public and the wider environment. The Trust has looked at the links between the pits and both surface and groundwater and have found no present or historic concern but a danger to public health. To remediate the worst tar pit the Trust is carrying out a trial using willows. After three months the tar pit has stabilised and the willows are growing well despite the draught which saw no natural rainfall for nearly three months. The whole site will once remediated be turned into a nature reserve as the site is already the home of many rare and interesting species of flora and fauna.

This, Cinderhill, project has seen the Trust have to cope with actions by both thieves and vandals. Wildlife cameras and weather station have been lost, willow cuttings pulled up, rain gauges destroyed, attempted arson and other problems. The work we are undertaking has been derided on some web sites and organisations allied to the research criticised. The theft and vandalism has been countered with the help of the local police and increased security including alternative storage of equipment locations. The negative social media attention has required a thick skin and has, for the time being ceased.

Over the years the Trust has advised individuals, communities and government departments from inside and outside the UK. It is good to report that in Ethiopia and Uganda large lakes have been rehabilitated. Two are now fisheries, and sources of irrigation water. One is also a hydroelectric power source again. The Ugandan site has been carried out by local communities and the Aba Samuel Reservoir in Ethiopia by the Chinese. Both used our plans and both are reported on briefly on the Trust's web site. The Trust has not spent money on these projects or put money outside the UK for the use of overseas projects. The Trust received no money or other gain from these works.

The Trusts funding position, due to fee earning research it has carried out over the last 12 months is stronger than it has been since its foundation.

Harvey Wood.
Director

1st December 2018

Report of the Trustees; Including Public Benefit.

The Trustees of Clean Rivers Trust present their report of the Charity and its activities so as to outline their due diligence with regard to the demonstration of Public Benefit, and to show that the works that have been undertaken are in line with the registered aims and objectives of the Trust. The Clean Rivers Trust was founded as an organisation in 1990 and is governed by a Deed of Trust registered with the Charity Commission in 1994.

The objects of the Trust being; ‘to advance the education of the public by research and dissemination of any findings regarding the care of inland and estuarine waters and to benefit the environment of rivers and inland waters by the research and the implementation of such research findings’.

The Trust has developed its governance by agreeing a set of policies which are published. An audit of the Trustees abilities has shown to be satisfactory in that all areas of governance are represented by the composition of the body. The accounting is carried according to direction of and outlined by the Charity Commission.

The Trustees are always aware of the need for new expertise and talent to join the organisation as governors of the Trust. Those who are at present Trustees all have expertise in areas that are of considerable worth to the organisation and do not just act as a body for meetings.

The Trustees undertake to ensure that the organisation works to the letter of its Trust Deed and its stated (see above) aims and objectives. The Trust does not lobby on behalf of any political, commercial or ideological entity and has never done so. The Trustees have ensured that no staff or volunteer has done so either: that is, without infringing their rights of personal freedom. The Trust does not endorse and has never done so any product or action and in its reports to industry or other organisations: its recommendations have always been advisory and as such the Trust has project managed other; usually larger, commercial organisations to carry out project implementation.

The Directors Report outlines the activities the Trust has been involved with over the last year.

The Trustees can report the Trust continues to receive support from experts and is able to count on specialists from most water, energy, mineral/mining and conservation disciplines.

The finances of the Trust have improved this year. This has allowed an expansion in research activity which has been reported on in the Directors Report. The natural pragmatism of the Trustees is to protect the moneys earned by the Trust so as to ensure the long-term research plans. The Trust has not spent any funds outside the UK in the last year.

December 2018.

Accounts.

The following section contain the receipts and payments accounts of Clean Rivers Trust, as set out by the Charity Commission in their letter of September 2015.

	2018	2017
	£	£
Receipts		
Unrestricted Grants and Donations	30,275	19,650
Restricted Grants and Donations	6,250	6,750
Fees	62,689	12,351
Gross income	99,214	38,751
Sales of assets/investments	0	0
Total Receipts	99,214	38,751

	2018	2017
Payments		
Rent/utilities/insurance	15,850	13,900
Travel		2,230
Books/Library	5,280	765
Research (Total £56,579)		£22,347
• Laboratory costs	8,748	4,165
• Field Work	11,350	6,200
• Education	7,375	7,270
• Materials	10,906	3,728
• Health and Safety	2,080	422
• Equipment	9,640	562
• Research Assistance	6,480	0
Accounting/book keeping	250	200
Memberships	450	420
Bank Charges	180	124
Web/internet site	400	300
Sub Total	78,999	40,286
Purchases of assets/investments	0	0
Total Payments	78,999	40,286

	2018 £	2017 £
Cash funds at end of year		
In bank at 1 st December 2018	22,880	2,665
Restricted Funds	3,000	0
Unrestricted Funds	19,880	2,665
Total available for Trust Purposes.	22,880	2,665
Research expenses due to the Trust under agreement with funder	7,000	0
Research fees due to Trust	8,500	0
Losses due to drought and antisocial behaviour	4,550	0
Outstanding moneys owed to Trust awaiting resolution	15,843	14,243
Outstanding moneys owed by Trust	0	0

Notes:

- Most receipts of funding were unrestricted. Those funds that were restricted being for works in Derbyshire, Devon and the West Country and Nottinghamshire were duly ring-fenced.
- The increase in Trust funding is due to a major research project. Continued funding is reliant on the trial demonstrating success by the late summer of 2019 and the agreement with the funder for the expansion of the project going forward. There are no guarantees at this point.
- Losses noted are exceptional costs due to theft and vandalism plus drought damage.
- There are no investment assets, nor were any investments sold or purchased during this accounting year.
- No funds were used for projects outside the UK.
- Research costs included the operation of the trusts own laboratory, commercial laboratory analysis of water and other samples, health and safety arrangements, procurement of samples, growing media, tools and other related items.
- The Library is valued (estimate 2018) for replacement at £160,000 (estimate £150,000 in 2017). The significant increase being made up by purchases and inflation. The valuation of books being a difficult subject today due to the availability of many rare texts being available on-line.

Independent Examiners Report.

To the Trustees of Clean Rivers Trust (Charity Registration Number 1037414).

This is my first examination of the accounts of Clean Rivers Trust

The accounts and report for the year ending 30th November 2018; set out on pages 6 – 10 of the Annual Report and Accounts of Clean Rivers Trust.

Respective responsibilities of trustees and examiner	<p>The charity's trustees are responsible for the preparation of the accounts. The charity's trustees consider that an audit is not required for this year under section under section 145(5) (b) of the 2011 Charities Act and more recent guidance and that an independent examination is needed.</p> <p>It is my responsibility to:</p> <ul style="list-style-type: none">• examine the accounts under relevant sections of the Charities Acts 2011 and 2016 and the Statement of Recommended Practice (SORP) and its amendments up to and including those published in October 2018,• to follow the procedures laid down in the general Directions given by the Charity Commission (under the Charities Act, and the Statement of Recommended Practice).• to state whether particular matters have come to my attention.
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**Basis of independent
examiner's statement**

My examination was carried out in accordance with general Directions given by the Charity Commission. An examination includes a review of the accounting records kept by the charity and a comparison of the accounts presented with those records. It also includes consideration of any unusual items or disclosures in the accounts, and seeking explanations from the trustees concerning any such matters. The procedures undertaken do not provide all the evidence that would be required in an audit, and consequently no opinion is given as to whether the accounts present a 'true and fair' view and the report is limited to those matters set out in the statement below. The Examination has been carried out in line with the Charity Commission's Statement of Recommended Practice.

**Independent
examiner's statement**

In connection with my examination, **no** matter has come to my attention;

1. which gives me reasonable cause to believe that in, any material respect, the requirements:
 - to keep accounting records in accordance with section 130 of the Charities Act; and
 - to prepare accounts which accord with the accounting records and comply with the accounting requirements of the Charities Act have not been met; or
2. to which, in my opinion, attention should be drawn in order to enable a proper understanding of the accounts to be reached.

Howard Dodds

Examiner.

3rd December 2018

Appendices.

I

Funders and Acknowledgements.

The following persons and organisations have contributed to the Trust to enable its work to develop. Each has been written to and the Trust's thanks expressed. Some organisations who contributed to Clean Rivers Trust over the last financial year wished to remain anonymous, others include; The Harworth Group plc., Infinitas Design, Medlock Charitable Trust, Open Gate Trust, Erach and Roshan Sadri Foundation, The N Smith Charitable Settlement, The William Dean Trust, Peter Storrs Trust, The Marsh Christian Trust, The Panton Trust, The Percy Lea Charitable Trust, Oakdale Trust, Rhododendron Trust, The Lindeth Charitable Trust, the Schroder Charity Trust, The John Spedan Lewis Foundation, The Chapman Charitable Trust, The David Uri Memorial Trust, Stella Symons Charitable Trust, Hamamelis Trust and The Anson Charitable Trust.

The Trust acknowledges the support in time and practical assistance to the following people and organisations; Stuart Ashton, Mike Wood, Eur Ing Victor A Johnson, Nathan Coop, Sophie Annable, Derbyshire Police, the Coal Authority, Shaun Walters, Environment Agency, the Scottish Environment Protection Agency, Natural Resources Wales and many others who have as usual given their expertise.

Thanks to Emily Keal for her continuing work in keeping the website, which she designed, up to the minute and looking as good as it does.

II

Statement of Ongoing Social and Environmental Care.

The Trust continues to be committed to lessen its negative environmental impacts and doing all it can to encourage others to do likewise. It has a non-discriminatory attitude to the sexuality and religion of all who it works with.

For other policies see appendix V.

III

Library.

The library is an area of pride for the Trustees and others involved with the Trust. It has grown over the years to be of importance to both the organisation and outside researchers alike. It holds reports dating back to the 18th Century and its Comprehensive river related documents from the 1990s produced by the National Rivers Authority and Environment Agency are the most comprehensive in the UK.

Its sections on water, geology and flora, which covers the UK, Europe and much of the rest of the world are as complete as any in the country and more accessible. Its stock has increased considerably in the last year.

IV

Publications.

The web site is regularly updated with information regarding the Trust and its activities. It is the conduit for publishing most of the organisations research.

The publications; *Minewater Treatment; Technology, Application and Policy* and *Disasters and Minewater; good practice and prevention* both published by the International Water Association publishing house continue to sell; slowly but with continuing positive feedback demonstrating their continued value.

Finding the Edinburgh, a paper on the identification of the lost English Civil War Scottish camp on the Island at Newark, Nottinghamshire is published by the Antiquarian Society of London.

V

Trustees Other Policies.

The Trust abhors exploitation of individuals and groups of people and will not be involved with any form of ‘Modern Slavery’. The trafficking or relocation of humans for gain will not be countenanced and any company or individual that may be encountered in the course of our work involved in any way will be reported to the relevant authority. No company or organisation known or suspected of such activity will be worked with and any member of the Trust suspected of such activities will be immediately reported to the police.

The Trust has a full range of policies governing its activities and aspirations. All of which have been reviewed by the Trustees and are felt to be relevant. Please refer to the Trusts Web Site where they are available in the appendices of the Annual Report of 2016.

The Trust has carried out a review of usefulness over the last year. This included a survey of users, and beneficiaries. The Trust has found that all users of the Trust have expressed satisfaction. Any criticisms have been noted and examined: where necessary actions have been put in place to reconcile the issues raised.