0	Technical Inspection of Scottish Water Sampling		lytical Services
	Inverness Laboratory		
Date 4/5 October 2010			
DWQR Staff Present Matt Bower Scottish Water Staff Present (& Titles) Susan Deuchars, Brenda Duncan, John Moses			
Summary of Inspection			
Overall Summary			
	All aspects of analytical services at Inverness Laboratory were very satisfactory. Collection and tr. for concern, with appropriate checks and paperwork being in order. Analysis methods were perfor used in analysis was maintained and calibrated. Analysts were operating effectively and had an d principles and practical aspects of the method they were using. When samples failed the regulato action was taken.	rmed to a high etailed underst	standard, and equipment anding of both the
	Number of Findings:	5	
		6	
Sam	pling Frequency Compliance	Score (c	out of 6) Very good
	Full compliance with regulatory sample frequencies was found in all assets associated with audited samples		
Samp	bling	5	Very good
	Sampling was undertaken in full compliance with DWTS and best practice. Record keeping was very good and i	no deficiencies w	ere noted.
Trans	sportation	4	Good
	All samples taken by Scientific Services had a full chain of custody between sample point and laboratory. Check undertaken in accordance with procedures. One operational sample was audited - this was out of hours in resp of how it was transported to the laboratory.		
Reag	ents and Equipment	5	Very good
	Maintenance and preparation of equipment and reagents used in analysis was documented , checked and calib Reagents were prepared appropriately and were within expiry dates.	rated in accorda	nce with best practice.
Analy	ysis	5	Very good
	Analysis techniques were appropriate to the parameter and the regulations. Methods were performed by extrer minimised error and cross contamination.	nely proficient ar	alysts in a way that
Meth	od and Result Recording	5	Very good
	All methods were documented and controlled appropriately. Results were recorded correctly and transcribed wi	th suitable check	s in place.
Quali	ity Control	5	Very good
	Analytical quality control was being performed effectively on all methods audited. Control samples were prepar control charts were acted upon. External QC schemes were also being used to monitor method performance.	ed accurately and	d any issues raised by
Staff	ing and Training	5	Very good
	Expertise and professionalism of staff was impressive. Training records were up to date and staff had an excelle the methods they were using.	ent understandin	g of the principles behind
Actio	n Following Exceedences	5	Very good
	In all cases audited, appropriate and timely action was taken following an exceedence of the regulatory standar same location.	rd, usually involv	ing a resample from the