MODIFICATION OF CONSENT TO DISCHARGE

ENVIRONMENT AGENCY

WATER RESOURCES ACT 1991

(AS AMENDED BY THE ENVIRONMENT ACT 1995)

TO: Northumbrian Water Limited
Northumbria House
Abbey Road
Pity Me
Durham
DH1 5FJ

Company Registration Number
2366703

The Environment Agency, exercising its powers under paragraph 7 of Schedule 10 to the Water Resources Act 1991, hereby modifies the discharge consent conditions for the discharges listed in the attached Schedule 2 by substitution of the conditions as set out in the attached Schedule 1.

Subject to the provisions of paragraphs 7 and 8 of Schedule 10 to the Water Resources Act 1991 (as amended), no notice shall be served by the Environment Agency altering the effect of this modification without the agreement of the Consent Holder during a period of 4 years from the date this modification notice is served.

This modification notice is served and takes effect on the 1st day of April 2010

Signed [redacted]

Permitting Team Leader

Schedule 1 – Substitution of conditions

Delete all current conditions specifying the numeric limit for Dry Weather Flow and flow measurement, and substitute the following conditions:

(1) The Dry Weather Flow of the discharge shall not exceed *[x]* cubic metres per day. The consented Dry Weather Flow limit is set at the Consent Holder's planned annual 80%-exceeded flow.

NOTE ***For [x] in each consent, insert the numeric Dry Weather Flow limit for that discharge as shown in the current consent.***

(2) In determining compliance with this consent, the measured Dry Weather Flow is that total daily volume that is exceeded by 90% of the recorded measured total daily volume values in any period of 12 months.

(3) The numeric value of the measured Dry Weather Flow shall not exceed the numeric value of the consented Dry Weather Flow limit.

If the measured Dry Weather Flow exceeds the consented Dry Weather Flow limit then the Consent Holder shall as soon as is practicable investigate the reasons for the exceedance. The Consent Holder shall report the reasons for the exceedance to the Environment Agency and the steps that it proposes to take to restore compliance. An exceedance of the Dry Weather Flow limit shall not be recorded as a failure if the Consent Holder takes appropriate steps to restore compliance.

If the measured Dry Weather Flow exceeds the consented Dry Weather limit because of unusual rainfall during the 12-month period, then it will not be recorded as a failure of the Dry Weather Flow limit. For the purposes of this condition, unusual rainfall shall mean rainfall that causes significantly higher sewage flows during the three-month period that normally records the lowest flows.

For unusual rainfall to be considered, the Consent Holder shall notify the Agency and provide supporting evidence as part of the normal specified data returns.

(4) A continuous flow measurement and recording system ("the flow system") that complies with the MCERTS Flow Monitoring scheme, shall be provided and operated to record the total daily volume of sewage through the treatment works.

The flow system shall also measure and record either the instantaneous flow at least every 15 minutes or the 15-minute averaged flow every 15 minutes. The Consent Holder shall provide and operate an on-site visual display from which the Environment Agency can readily obtain the instantaneous or 15-minute averaged flow readings.

The Consent Holder shall hold records of the total daily volume and the 15-minute flow readings.

(5) As soon as reasonably practicable after installation of the flow system and before the expiry of any certificate issued, the Consent Holder shall

employ an independent expert to certify that the flow system complies with the MCERTS Flow Monitoring scheme.

The Consent Holder shall immediately on issue provide a copy of the MCERTS certificate to the Environment Agency and shall provide a copy of the independent expert's report to the Environment Agency on request.

The Consent Holder shall ensure that the flow system is always subject to a current MCERTS certificate."

(6) The Consent Holder shall produce and maintain documented procedures for the calibration, operation and maintenance of the flow system ("maintenance procedures").

The Consent Holder shall employ an MCERTS inspector to certify that the maintenance procedures comply with the MCERTS requirements.

The Consent Holder shall calibrate, operate and maintain the flow system in accordance with the maintenance procedures. The Consent Holder shall keep a record of the maintenance procedures and maintenance records available for inspection by the Agency and provide a copy to the Agency on request.

To meet the MCERTS scheme requirement the Consent Holder shall produce and maintain a formal Quality Management System ("QMS") for the management of the flow system and the implementation of the maintenance procedures. An appropriate independent certifier shall certify the QMS.

(7) The Consent Holder shall record all failures of the flow system and any other breaks in the flow record. The reasons for all failures and breaks that lead to missing or suspect total daily volume records and all steps taken to prevent a re-occurrence shall be recorded.

The Consent Holder shall ensure that the flow system remains fully operational at all times and shall remedy any failures as soon as reasonably practicable.

The Consent Holder shall provide records of the flow readings and the reasons for any significant breaks in the record when requested, in a format specified by the Agency.

Schedule 2 - List of consents

Discharge Consent Reference	Site Name
232/1118	Allendale STW
222/A/0839	Alnwick STW
232/1127	Alston STW
223/0931	Amble STW
253/1278	Aycliffe STW
232/1111	Bardon Mill STW
25/02/1111	Barnard Castle STW
231/1097	Barrasford STW
231/A/0898	Bellingham STW
245/1246	Belmont STW
210/1273	Berwick STW
254/1965	Billingham STW
243/0966	Bishop Auckland (Vinovium) STW
25/03/1221	Bishop Middleham STW
25/04/1750	Bishopton STW
234/1069	Blanchland STW
226/1179	Blyth STW
243/0970	Bowburn STW
25/02/1105	Bowes STW
243/1024	Brancepeth STW
254/1920	Bran Sands STW
233/1200	Broomhaugh STW
242/A/0702	Butterknowle STW
226/1119	Cambois STW
25/04/1706	Carlton & Redmarshall STW
243/A/0684	Cassop STW
25/03/1218	Chilton Lane STW
242/1052	Cockfield STW
234/1061	Consett STW
226/1187	Cramlington STW
234/A/0656	Dipton STW
25/06/1035	Dunsdale STW
235/1871	East Tanfield STW
245/0839	Edmondsley STW
25/02/1107	Eppleby STW
241/1013	Fir Tree STW

253/A/0788	Fishburn STW
232/1119	Fourstones STW
25/02/1078	Gainford STW
232/0923	Garrigill STW
222/A/0848	Glanton STW
254/1866	Goose Beck STW
25/04/1859	Great Ayton STW
25/04/1858	Greatham STW
232/A/0911	Halton-lea-Gate STW
232/1098	Haltwhistle STW
241/A/0855	Hamsterley STW
255/1220	Hawthorn STW
232/1165	Haydon Bridge STW
233/1266	Heddon on the Wall STW
255/1144	Hendon STW
226/A/0850	Hepscott STW
233/A/0914	Hexham STW
221/1016	Holy Island STW
255/1145	Horden STW
235/1695	Howdon STW
231/0826	Humshaugh STW
25/04/1751	Hutton Rudby STW
25/04/1740	Ingleby Greenhow STW
243/0965	Kelloe STW
25/04/1773	Kirklevington STW
244/A/0637	Knitsley STW
244/0986	Lanchester STW
245/1271	Leamside (West Rainton) STW
234/1072	Lockhaugh STW
223/0633	Longhorsley STW
254/1913	Low Worsall STW
224/0976	Lynemouth STW
25/06/1015	Marske STW
25/02/1108	Melsonby STW
251/0940	Mickleton STW
210/A/0863	Milfield STW
225/1036	Morpeth STW
232/1097	Nenthead STW
225/1031	Newbiggin STW

243/0251	Newfield STW
210/A/0497	Norham STW
225/1079	Pegswood STW
245/1274	Pity Me STW
245/A/0712	Plawsworth STW
242/A/0714	Ramshaw STW
25/01/0912	Romaldkirk STW
241/1085	Rookhope STW
245/1254	Sacriston STW
225/A/0870	Scots Gap STW
255/1125	Seaham STW
221/0913	Seahouses STW
254/1966	Seaton Carew STW
254/1864	Sedgefield STW
245/1243	Sedgeletch STW
245/A/0720	Sherburn STW
233/1178	Slaley STW
226/0967	St Marys Hospital STW
25/02/1109	Staindrop STW
226/A/0874	Stamfordham STW
241/1100	Stanhope STW
25/04/1601	Stokesley STW
25/04/1797	Stressholme STW
243/0976	Sunderland Bridge STW
241/1106	Tow Law STW
25/03/1232	Trimdon STW
243/0949	Tudhoe Mill STW
245/1064	University STW
231/1071	Wark STW
245/1244	Washington STW
231/A/0932	West Woodburn STW
241/A/0731	Western Area STW
226/0927	Whalton STW
222/0864	Whittingham STW
243/0968	Willington STW
253/1269	Windlestone STW
25/02/1120	Winston STW
244/0890	Witton Gilbert STW
241/1102	Wolsingham STW

210/1260	**Wooler STW**