

LABORATORY TEST REPORT

EXCAL UK Ltd
1 St Marys Street
Carmarthen
Carmarthenshire
SA31 1TN

Report Date
20 January 2011

Results of analysis of 4 samples
received 12 January 2011

Trostre B

FAO Rob Holmes

Login Batch No
Chemtest LIMS ID

121975

AF62966 AF62967 AF62968 AF62969
SW1 SW2 SW3 BH3

Sample ID	Sample No	Sampling Date	Depth	Matrix	SOP ↓	Determinand ↓	CAS No ↓	Units ↓	*	AF62966 SW1 07/01/2011	AF62967 SW2 07/01/2011	AF62968 SW3 07/01/2011	AF62969 BH3 07/01/2011
1010	pH						PH	-	U	7.6	7.5	7.4	7.0
1020	Electrical Conductivity						EC	µS cm ⁻¹	U	420	420	560	960
1090	Biochemical Oxygen Demand (ATU)						BOD	mg O ₂ l ⁻¹	N	<4	<4	<4	7
1100	Chemical Oxygen Demand						COD	mg O ₂ l ⁻¹	U	16	29	24	31
1220	Alkalinity						ALK	mg CaCO ₃ l ⁻¹	U	130	140	200	440
	Chloride						16887006	mg l ⁻¹	U	65	60	62	35
	Ammoniacal Nitrogen						AMM_NIT	mg l ⁻¹	U	0.34	0.40	0.42	0.09
1300	Cyanide (total) Low-Level						57125	mg l ⁻¹	N	<0.005	<0.005	<0.005	<0.005
1470	Iron (dissolved)						7439896	µg l ⁻¹	U	130	160	100	870
1220	Sulfate						14808798	mg l ⁻¹	U	26	29	46	280
1450	Arsenic (dissolved)						7440382	µg l ⁻¹	U	<1.0	<1.0	<1.0	1.2
	Arsenic						7440382	µg l ⁻¹	U	1.3	1.2	1.6	3.1
	Boron						7440428	µg l ⁻¹	U	28	27	48	65
	Beryllium						7440417	µg l ⁻¹	U	<1.0	<1.0	<1.0	<1.0
	Cadmium						7440439	µg l ⁻¹	U	<0.080	<0.080	<0.080	<0.080
	Chromium (dissolved)						7440473	µg l ⁻¹	U	29	31	<1.0	<1.0
	Chromium (total)						7440473	µg l ⁻¹	U	43	38	<1.0	<1.0
	Copper (dissolved)						7440508	µg l ⁻¹	U	11	13	9.1	12
	Copper						7440508	µg l ⁻¹	U	19	16	19	19
	Mercury						7439976	µg l ⁻¹	U	<0.50	<0.50	<0.50	<0.50
	Nickel (dissolved)						7440020	µg l ⁻¹	U	1.1	<1.0	2.1	3.4
	Nickel						7440020	µg l ⁻¹	U	3.8	3.4	5.5	7.4
	Lead (dissolved)						7439921	µg l ⁻¹	U	<1.0	<1.0	<1.0	<1.0
	Lead						7439921	µg l ⁻¹	U	<1.0	<1.0	<1.0	<1.0
	Antimony (dissolved)						7440364	µg l ⁻¹	U	<1.0	<1.0	<1.0	<1.0
	Antimony						7440364	µg l ⁻¹	U	<1.0	<1.0	1.9	<1.0
	Vanadium (dissolved)						7440622	µg l ⁻¹	U	5.3	4.1	<1.0	<1.0
	Vanadium						7440622	µg l ⁻¹	U	12	11	<1.0	<1.0
	Zinc (dissolved)						7440666	µg l ⁻¹	U	8.1	11	22	20
	Zinc						7440666	µg l ⁻¹	U	12	16	81	90

Column page 1
Report page 1 of 3
Report sample ID range AF62966 to AF62969

All tests undertaken between 13-Jan-2011 and 20-Jan-2011

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

		121975			
		AF62966	AF62967	AF62968	AF62969
		SW1	SW2	SW3	BH3
		1	2	3	3
		07/01/2011	07/01/2011	07/01/2011	07/01/2011
		WATER	WATER	WATER	WATER
1470	Iron (total)	150	160	180	870
1670	TPH (Aqueous Phase)	<10	<10	<10	66
1700	Naphthalene	<0.1	<0.1	<0.1	<0.1
	Acenaphthylene	<0.1	<0.1	<0.1	<0.1
	Acenaphthene	<0.1	<0.1	<0.1	0.1
	Fluorene	<0.1	<0.1	<0.1	<0.1
	Phenanthrene	<0.1	<0.1	<0.1	0.7
	Anthracene	<0.1	<0.1	<0.1	15
	Fluoranthene	<0.1	<0.1	<0.1	0.4
	Pyrene	<0.1	<0.1	<0.1	0.4
	Benzo[a]anthracene	<0.1	<0.1	<0.1	<0.1
	Chrysene	<0.1	<0.1	<0.1	<0.1
	Benzo[b]fluoranthene	<0.1	<0.1	<0.1	<0.1
	Benzo[k]fluoranthene	<0.1	<0.1	<0.1	<0.1
	Benzo[a]pyrene	<0.1	<0.1	<0.1	<0.1
	Dibenzo[a,h]anthracene	<0.1	<0.1	<0.1	<0.1
	Indeno[1,2,3-cd]pyrene	<0.1	<0.1	<0.1	<0.1
	Benzo[g,h,i]perylene	<0.1	<0.1	<0.1	<0.1
	Total (of 16) PAHs	<2	<2	<2	17
1900	2-sec-Butyl-4,6-dinitrophenol	0.0002	0.0002	0.0002	0.0002
	4-Chloro-3-methylphenol	0.0002	0.0002	0.0002	0.0002
	2-Chlorophenol	0.0002	0.0002	0.0002	0.0002
	2,4-Dichlorophenol	0.0002	0.0002	0.0002	0.0002
	2,6-Dichlorophenol	0.0002	0.0002	0.0002	0.0002
	2,4-Dimethylphenol	0.0002	0.0002	0.0002	0.0002
	2,4-Dinitrophenol	0.0002	0.0002	0.0002	0.0002
	2-Methyl-4,6-dinitrophenol	0.0002	0.0002	0.0002	0.0002
	2-Methylphenol	0.0002	0.0002	0.0002	0.0002
	3-Methylphenol	0.0002	0.0002	0.0002	0.0002
	4-Methylphenol	0.0002	0.0002	0.0002	0.0002

LABORATORY TEST REPORT

ExCAL UK Ltd
1 St Marys Street
Carmarthen
Carmarthenshire
SA31 1TN

FAO Rob Holmes

Results of analysis of 4 samples
received 12 January 2011

Trostre B



Report Date
20 January 2011

121975			
AF62966	AF62967	AF62968	AF62969
SW1	SW2	SW3	BH3
1	2	3	3
07/01/2011	07/01/2011	07/01/2011	07/01/2011
WATER	WATER	WATER	WATER
88755	0.0002	0.0002	0.0002
100027	0.0002	0.0002	0.0002
87865	0.0002	0.0002	0.0002
108952	0.0002	0.0002	0.0002
4901513	0.0002	0.0002	0.0002
58902	0.0002	0.0002	0.0002
935955	0.0002	0.0002	0.0002
15950660	0.0002	0.0002	0.0002
933788	0.0002	0.0002	0.0002
933755	0.0002	0.0002	0.0002
95954	0.0002	0.0002	0.0002
88062	0.0002	0.0002	0.0002
609198	0.0002	0.0002	0.0002
1900 2-Nitrophenol	N		
4-Nitrophenol	N		
Pentachlorophenol	N		
Phenol	N		
2,3,4,5-Tetrachlorophenol	N		
2,3,4,6-Tetrachlorophenol	N		
2,3,5,6-Tetrachlorophenol	N		
2,3,4-Trichlorophenol	N		
2,3,5-Trichlorophenol	N		
2,3,6-Trichlorophenol	N		
2,4,5-Trichlorophenol	N		
2,4,6-Trichlorophenol	N		
3,4,5-Trichlorophenol	N		

All tests undertaken between 13-Jan-2011 and 20-Jan-2011

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Column page 1

Report page 3 of 3

Report sample ID range

AF62966 to AF62969

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 7 February 2011

Trostre B - EC1454

Report Date
15 February 2011

115945

		AF72457	AF72458	AF72459	AF72460
		SW	SW	SW	BH
		1	2	3	3
		04/02/2011	04/02/2011	04/02/2011	04/02/2011
		WATER	WATER	WATER	WATER
1450 Vanadium	7440622	U	<1.0	<1.0	<1.0
Zinc (dissolved)	7440666	U	<1.0	<1.0	<1.0
Zinc	7440666	U	18	33	27
1470 Iron (total)	7439896	N	1500	1600	2700
1670 TPH (Aqueous Phase)		U	<10	<10	<10
1700 Naphthalene	91203	U	<0.1	<0.1	<0.1
Acenaphthylene	208968	U	<0.1	<0.1	<0.1
Acenaphthene	83329	U	<0.1	<0.1	<0.1
Fluorene	86737	U	<0.1	<0.1	<0.1
Phenanthrene	85018	U	<0.1	<0.1	<0.1
Anthracene	120127	U	<0.1	<0.1	<0.1
Fluoranthene	206440	U	<0.1	<0.1	<0.1
Pyrene	129000	U	<0.1	<0.1	<0.1
Benzo[a]anthracene	56553	U	<0.1	<0.1	<0.1
Chrysene	218019	U	<0.1	<0.1	<0.1
Benzo[b]fluoranthene	205992	U	<0.1	<0.1	<0.1
Benzo[k]fluoranthene	207089	U	<0.1	<0.1	<0.1
Benzo[a]pyrene	50328	U	<0.1	<0.1	<0.1
Dibenzo[a,h]anthracene	53703	U	<0.1	<0.1	<0.1
Indeno[1,2,3-cd]pyrene	193395	U	<0.1	<0.1	<0.1
Benzo[g,h,i]perylene	191242	U	<0.1	<0.1	<0.1
Total (of 16) PAHs			<2	<2	<2
1900 2-sec-Butyl-4,6-dinitrophenol	88857	N	<0.0002	<0.0002	<0.0002
4-Chloro-3-methylphenol	59507	N	<0.0002	<0.0002	<0.0002
2-Chlorophenol	95578	N	<0.0002	<0.0002	<0.0002
2,4-Dichlorophenol	120832	N	<0.0002	<0.0002	<0.0002
2,6-Dichlorophenol	87650	N	<0.0002	<0.0002	<0.0002
2,4-Dimethylphenol	105679	N	<0.0002	<0.0002	<0.0002

Column page 1
Report page 2 of 3
LIMS sample ID range AF72457 to AF72460

All tests undertaken between 10/02/2011 and 15/02/2011

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page.

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 7 February 2011

Trostre B - EC1454

Report Date
15 February 2011

		115945			
		AF72457	AF72458	AF72459	AF72460
		SW	SW	SW	BH
		1	2	3	3
		04/02/2011	04/02/2011	04/02/2011	04/02/2011
		WATER	WATER	WATER	WATER
1900	2,4-Dinitrophenol	mg l ⁻¹	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	mg l ⁻¹	<0.0002	<0.0002	<0.0002
	2-Methylphenol	mg l ⁻¹	<0.0002	<0.0002	<0.0002
	3-Methylphenol	mg l ⁻¹	<0.0002	<0.0002	<0.0002
	4-Methylphenol	mg l ⁻¹	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	mg l ⁻¹	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	mg l ⁻¹	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	mg l ⁻¹	<0.0002	<0.0002	<0.0002
	Phenol	mg l ⁻¹	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	mg l ⁻¹	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	mg l ⁻¹	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	mg l ⁻¹	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	mg l ⁻¹	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	mg l ⁻¹	<0.0002	<0.0002	<0.0002
	2,3,6-Trichlorophenol	mg l ⁻¹	<0.0002	<0.0002	<0.0002
	2,4,5-Trichlorophenol	mg l ⁻¹	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	mg l ⁻¹	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	mg l ⁻¹	<0.0002	<0.0002	<0.0002
51285					
534521					
95487					
108394					
106445					
88755					
100027					
87865					
108952					
4901513					
58902					
935955					
15950660					
933788					
933755					
95954					
88062					
609198					

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 7 March 2011

Tostre B - EC1475

Report Date
18 March 2011

Login Batch No

Chemtest LIMS ID

Sample ID

Sample No

Sampling Date

Depth

Matrix

SOP ↓ Determinand ↓

1010 pH
1020 Electrical Conductivity
1090 Biochemical Oxygen Demand
1100 Chemical Oxygen Demand
1220 Alkalinity

Chloride

Ammoniacal Nitrogen

1300 Cyanide (total) Low-Level

1470 Iron (dissolved)

1220 Sulfate

1450 Arsenic (dissolved)

Arsenic

Boron

Beryllium

Cadmium

Chromium (dissolved)

Chromium (total)

Copper (dissolved)

Copper

Mercury

Nickel (dissolved)

Nickel

Lead (dissolved)

Lead

Antimony (dissolved)

Antimony

Vanadium (dissolved)

116509

AF82430

SW1

04/03/2011

WATER

7.9

350

<4

<10

170

30

0.78

<0.005

150

43

<1.0

1.7

140

<1.0

<0.080

21

26

<1.0

<0.50

4.4

9.1

<1.0

<1.0

<1.0

<1.0

<1.0

<1.0

<1.0

3.8

AF82432

SW3

04/03/2011

WATER

7.7

370

<4

<10

160

28

0.63

<0.005

130

40

<1.0

1.4

110

<1.0

<0.080

19

22

<1.0

<0.50

4.4

9.2

<1.0

<1.0

<1.0

<1.0

<1.0

<1.0

<1.0

3.5

*

Units ↓

CAS No ↓

PH

EC

BOD

COD

ALK

mg CaCO₃ l⁻¹

mg l⁻¹

mg l⁻¹

mg l⁻¹

mg l⁻¹

mg l⁻¹

mg l⁻¹

mg l⁻¹

mg l⁻¹

mg l⁻¹

mg l⁻¹

mg l⁻¹

mg l⁻¹

mg l⁻¹

mg l⁻¹

mg l⁻¹

mg l⁻¹

mg l⁻¹

mg l⁻¹

mg l⁻¹

mg l⁻¹

mg l⁻¹

mg l⁻¹

mg l⁻¹

mg l⁻¹

mg l⁻¹

mg l⁻¹

mg l⁻¹

mg l⁻¹

mg l⁻¹

mg l⁻¹

mg l⁻¹

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 7 March 2011

Tostre B - EC1475

Report Date
18 March 2011

AF82430	116509	AF82432
SW1	AF82431	SW3
	SW2	

04/03/2011 04/03/2011 04/03/2011

	WATER	WATER	WATER
1450 Vanadium	4.8	4.0	3.2
Zinc (dissolved)	5.3	5.6	6.8
Zinc	37	34	47
1470 Iron (total)	1900	1700	2600
1670 TPH (Aqueous Phase)	<10	<10	<10
1701 PAH (total EPA 16)	<2	<2	<2
1900 2-sec-Butyl-4,6-dinitrophenol	<0.0002	<0.0002	<0.0002
4-Chloro-3-methylphenol	<0.0002	<0.0002	<0.0002
2-Chlorophenol	<0.0002	<0.0002	<0.0002
2,4-Dichlorophenol	<0.0002	<0.0002	<0.0002
2,6-Dichlorophenol	<0.0002	<0.0002	<0.0002
2,4-Dimethylphenol	<0.0002	<0.0002	<0.0002
2,4-Dinitrophenol	<0.0002	<0.0002	<0.0002
2-Methyl-4,6-dinitrophenol	<0.0002	<0.0002	<0.0002
2-Methylphenol	<0.0002	<0.0002	<0.0002
3-Methylphenol	<0.0002	<0.0002	<0.0002
4-Methylphenol	<0.0002	<0.0002	<0.0002
2-Nitrophenol	<0.0002	<0.0002	<0.0002
4-Nitrophenol	<0.0002	<0.0002	<0.0002
Pentachlorophenol	<0.0002	<0.0002	<0.0002
Phenol	<0.0002	<0.0002	<0.0002
2,3,4,5-Tetrachlorophenol	<0.0002	<0.0002	<0.0002
2,3,4,6-Tetrachlorophenol	<0.0002	<0.0002	<0.0002
2,3,5,6-Tetrachlorophenol	<0.0002	<0.0002	<0.0002
2,3,4-Trichlorophenol	<0.0002	<0.0002	<0.0002
2,3,5-Trichlorophenol	<0.0002	<0.0002	<0.0002
2,3,6-Trichlorophenol	<0.0002	<0.0002	<0.0002
2,4,5-Trichlorophenol	<0.0002	<0.0002	<0.0002
7440622	U	U	U
7440666	µg l ⁻¹	µg l ⁻¹	µg l ⁻¹
7440666	µg l ⁻¹	µg l ⁻¹	µg l ⁻¹
7439896	µg l ⁻¹	µg l ⁻¹	µg l ⁻¹
88857	mg l ⁻¹	mg l ⁻¹	mg l ⁻¹
59507	mg l ⁻¹	mg l ⁻¹	mg l ⁻¹
95578	mg l ⁻¹	mg l ⁻¹	mg l ⁻¹
120832	mg l ⁻¹	mg l ⁻¹	mg l ⁻¹
87650	mg l ⁻¹	mg l ⁻¹	mg l ⁻¹
105679	mg l ⁻¹	mg l ⁻¹	mg l ⁻¹
51285	mg l ⁻¹	mg l ⁻¹	mg l ⁻¹
534521	mg l ⁻¹	mg l ⁻¹	mg l ⁻¹
95487	mg l ⁻¹	mg l ⁻¹	mg l ⁻¹
108394	mg l ⁻¹	mg l ⁻¹	mg l ⁻¹
106445	mg l ⁻¹	mg l ⁻¹	mg l ⁻¹
88755	mg l ⁻¹	mg l ⁻¹	mg l ⁻¹
100027	mg l ⁻¹	mg l ⁻¹	mg l ⁻¹
87865	mg l ⁻¹	mg l ⁻¹	mg l ⁻¹
108952	mg l ⁻¹	mg l ⁻¹	mg l ⁻¹
4901513	mg l ⁻¹	mg l ⁻¹	mg l ⁻¹
58902	mg l ⁻¹	mg l ⁻¹	mg l ⁻¹
935955	mg l ⁻¹	mg l ⁻¹	mg l ⁻¹
15950660	mg l ⁻¹	mg l ⁻¹	mg l ⁻¹
933788	mg l ⁻¹	mg l ⁻¹	mg l ⁻¹
933755	mg l ⁻¹	mg l ⁻¹	mg l ⁻¹
95954	mg l ⁻¹	mg l ⁻¹	mg l ⁻¹

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 7 March 2011

Tostre B - EC1475

Report Date
18 March 2011

		116509			
		AF82430	AF82431	AF82432	
		SW1	SW2	SW3	
		04/03/2011	04/03/2011	04/03/2011	
		WATER	WATER	WATER	
		<0.0002	<0.0002	<0.0002	
		<0.0002	<0.0002	<0.0002	
1900	2,4,6-Trichlorophenol	N			
		mg l ⁻¹			
88062					
609198	3,4,5-Trichlorophenol	N			
		mg l ⁻¹			

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 4 April 2011

Report Date
12 April 2011

Trostre B

Login Batch No

Chemtest LIMS ID

135585

AF92294 SW1 AF92295 SW2 AF92296 SW3 AF92297 BH3

Sample ID

Sample No

Sampling Date

Depth

Matrix

SOP ↓ Determinand ↓

1010 pH

1020 Electrical Conductivity

1090 Biochemical Oxygen Demand

1100 Chemical Oxygen Demand

1220 Alkalinity

Chloride

Ammoniacal Nitrogen

1300 Cyanide (total) Low-Level

1470 Iron (dissolved)

1220 Sulfate

1450 Arsenic (dissolved)

Arsenic

Boron

Beryllium

Cadmium

Chromium (dissolved)

Chromium (total)

Copper (dissolved)

Copper

Mercury

Nickel (dissolved)

Nickel

Lead (dissolved)

Lead

Antimony (dissolved)

Antimony

Vanadium (dissolved)

CAS No ↓

PH

EC

BOD

COD

ALK

16887006

AMM_NITROG

57125

7439896

14808798

7440382

7440382

7440428

7440417

7440439

7440473

7440473

7440508

7440508

7439976

7440020

7440020

7439921

7439921

7440364

7440364

7440622

Units ↓

U

U

N

U

U

U

U

U

U

U

U

U

U

U

U

U

U

U

U

U

U

U

U

U

U

U

U

U

U

WATER

7.8

410

<4

21

140

31

0.15

<0.005

250

42

<1.0

1.5

55

<1.0

<0.080

2.8

6.6

<1.0

4.7

<0.50

1.8

7.8

<1.0

3.2

<1.0

1.0

<1.0

WATER

7.7

390

<4

31

130

31

0.14

<0.005

220

40

<1.0

1.1

42

<1.0

<0.080

3.7

4.9

<1.0

2.2

<0.50

2.1

5.1

<1.0

<1.0

<1.0

1.0

<1.0

WATER

7.5

740

<4

22

320

38

0.77

<0.005

30

72

<1.0

1.6

100

<1.0

<0.080

3.5

5.8

<1.0

5.3

<0.50

2.1

7.9

<1.0

2.5

<1.0

<1.0

<1.0

WATER

7.2

840

12

34

350

22

0.19

<0.005

90

170

<1.0

4.2

83

<1.0

<0.080

3.3

5.8

<1.0

4.0

<0.50

2.0

6.3

<1.0

1.5

<1.0

<1.0

<1.0

LABORATORY TEST REPORT



Report Date
12 April 2011

Results of analysis of 4 samples
received 4 April 2011

Trostre B

		135585			
		AF92294 SW1	AF92295 SW2	AF92296 SW3	AF92297 BH3
		01/04/2011	01/04/2011	01/04/2011	01/04/2011
		WATER	WATER	WATER	WATER
1450 Vanadium	7440622	U	1.4	<1.0	1.0
Zinc (dissolved)	7440666	U	1.6	<1.0	1.8
Zinc	7440666	U	38	16	23
1470 Iron (total)	7439896	N	200	240	1000
1670 TPH (Aqueous Phase)		U	<10	<10	<10
1700 Naphthalene	91203	U	<0.1	<0.1	<0.1
Acenaphthylene	208968	U	<0.1	<0.1	<0.1
Acenaphthene	83329	U	<0.1	<0.1	<0.1
Fluorene	86737	U	<0.1	<0.1	<0.1
Phenanthrene	85018	U	<0.1	<0.1	<0.1
Anthracene	120127	U	<0.1	<0.1	<0.1
Fluoranthene	206440	U	<0.1	<0.1	<0.1
Pyrene	129000	U	<0.1	<0.1	<0.1
Benzo[a]anthracene	56553	U	<0.1	<0.1	<0.1
Chrysene	218019	U	<0.1	<0.1	<0.1
Benzo[b]fluoranthene	205992	U	<0.1	<0.1	<0.1
Benzo[k]fluoranthene	207089	U	<0.1	<0.1	<0.1
Benzo[a]pyrene	50328	U	<0.1	<0.1	<0.1
Dibenzo[a,h]anthracene	53703	U	<0.1	<0.1	<0.1
Indeno[1,2,3-cd]pyrene	193395	U	<0.1	<0.1	<0.1
Benzo[g,h,i]perylene	191242	U	<0.1	<0.1	<0.1
Total (of 16) PAHs			<2	<2	<2
1900 2-sec-Butyl-4,6-dinitrophenol	88857	N	<0.0002	<0.0002	<0.0002
4-Chloro-3-methylphenol	59507	N	<0.0002	<0.0002	<0.0002
2-Chlorophenol	95578	N	<0.0002	<0.0002	<0.0002
2,4-Dichlorophenol	120832	N	<0.0002	<0.0002	<0.0002
2,6-Dichlorophenol	87650	N	<0.0002	<0.0002	<0.0002
2,4-Dimethylphenol	105679	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 06/04/2011 and 12/04/2011

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page.

Column page 1

Report page 2 of 3

LIMS sample ID range AF92294 to AF92297

LABORATORY TEST REPORT

ExCAL UK Ltd
Capel Hendre Industrial Estate
Capel Hendre, Ammanford
Carmarthenshire
SA18 3SJ

Report Date
13 June 2011

Results of analysis of 3 samples
received 9 May 2011

FAO Rob Holmes

Trostre B - EC1497

Login Batch No

Chemtest LIMS ID

Sample ID

Sample No

Sampling Date

Depth

Matrix

SOP↓ Determinand↓

1010 pH
1020 Electrical Conductivity
1090 Biochemical Oxygen Demand
1100 Chemical Oxygen Demand
1220 Alkalinity

Chloride

Ammoniacal Nitrogen

1300 Cyanide (total) Low-Level

1470 Iron (dissolved)

1220 Sulfate

1450 Arsenic (dissolved)

Arsenic

Boron

Beryllium

Cadmium

Chromium (dissolved)

Chromium (total)

Copper (dissolved)

Copper

Mercury

Nickel (dissolved)

Nickel

Lead (dissolved)

Lead

Antimony (dissolved)

Antimony

Vanadium (dissolved)

117360

AG02317

SW1

06/05/2011

WATER

Units↓

CAS No↓

*

7.1

390

<4

18

150

31

0.44

<0.005

50

45

<1.0

<1.0

36

<1.0

<0.080

<1.0

3.8

<1.0

3.8

<0.50

<1.0

4.1

<1.0

<1.0

<1.0

3.9

<1.0

AG02318

SW2

06/05/2011

WATER

7.2

400

<4

41

150

32

0.44

<0.005

190

45

<1.0

<1.0

55

<1.0

<0.080

<1.0

4.4

<1.0

<1.0

3.8

<0.50

<1.0

5.1

<1.0

1.4

<1.0

3.8

µg l⁻¹

7440622

AG02319

SW3

06/05/2011

WATER

7.0

730

<4

33

410

38

1.4

<0.005

120

66

<1.0

1.2

120

<1.0

<0.080

<1.0

4.1

<1.0

<1.0

3.8

<0.50

<1.0

8.0

<1.0

<1.0

<1.0

<1.0

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 9 May 2011

Trostre B - EC1497

Report Date
13 June 2011

		117360		
		AG02317	AG02318	AG02319
		SW1	SW2	SW3
		06/05/2011	06/05/2011	06/05/2011
		WATER	WATER	WATER
1900	2,4-Dinitrophenol	N	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	N	<0.0002	<0.0002
	2-Methylphenol	N	<0.0002	<0.0002
	3-Methylphenol	N	<0.0002	<0.0002
	4-Methylphenol	N	<0.0002	<0.0002
	2-Nitrophenol	N	<0.0002	<0.0002
	4-Nitrophenol	N	<0.0002	<0.0002
	Pentachlorophenol	N	<0.0002	<0.0002
	Phenol	N	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	N	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	N	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	N	<0.0002	<0.0002
	2,3,4-Trichlorophenol	N	<0.0002	<0.0002
	2,3,5-Trichlorophenol	N	<0.0002	<0.0002
	2,3,6-Trichlorophenol	N	<0.0002	<0.0002
	2,4,5-Trichlorophenol	N	<0.0002	<0.0002
	2,4,6-Trichlorophenol	N	<0.0002	<0.0002
	3,4,5-Trichlorophenol	N	<0.0002	<0.0002
	51285	mg l ⁻¹		
	534521	mg l ⁻¹		
	95487	mg l ⁻¹		
	108394	mg l ⁻¹		
	106445	mg l ⁻¹		
	88755	mg l ⁻¹		
	100027	mg l ⁻¹		
	87865	mg l ⁻¹		
	108952	mg l ⁻¹		
	4901513	mg l ⁻¹		
	58902	mg l ⁻¹		
	935955	mg l ⁻¹		
	15950660	mg l ⁻¹		
	933788	mg l ⁻¹		
	933755	mg l ⁻¹		
	95954	mg l ⁻¹		
	88062	mg l ⁻¹		
	609198	mg l ⁻¹		

FAO Rob Holmes

Trostre B

**Results of analysis of 3 samples
received 13 June 2011**

Login Batch No		137065					
Chemtest LIMS ID		AG-13293					
Sample ID		SW2					
Sample No		SW3					
Sampling Date		10/06/2011					
Depth		10/06/2011					
Matrix		WATER					
SOP↓	Determinand↓	CAS No↓	Units↓	*	10/06/2011	10/06/2011	10/06/2011
1010	pH	PH		U	7.6	7.7	7.4
1020	Electrical Conductivity	EC	µS cm ⁻¹	U	500	500	830
1090	Biochemical Oxygen Demand	BOD	mg O2 l ⁻¹	N	<4	<4	<4
1100	Chemical Oxygen Demand	COD	mg O2 l ⁻¹	U	23	18	22
1220	Alkalinity	ALK	mg CaCO3 l ⁻¹	U	180	170	380
	Chloride	16887006	mg l ⁻¹	U	34	33	45
	Ammoniacal Nitrogen	AMM_NITROG	mg l ⁻¹	U	0.26	0.14	1.9
1300	Cyanide (total) Low-Level	57125	mg l ⁻¹	N	<0.005	<0.005	<0.005
1470	Iron (dissolved)	7439896	µg l ⁻¹	N	90	50	150
1220	Sulfate	14808798	mg l ⁻¹	U	54	55	57
1450	Arsenic (dissolved)	7440382	µg l ⁻¹	U	<1.0	<1.0	<1.0
	Arsenic	7440382	µg l ⁻¹	U	<1.0	<1.0	<1.0
	Boron	7440428	µg l ⁻¹	U	20	<20	32
	Beryllium	7440417	µg l ⁻¹	U	<1.0	<1.0	<1.0
	Cadmium	7440439	µg l ⁻¹	U	<0.080	<0.080	<0.080
	Chromium (dissolved)	7440473	µg l ⁻¹	U	<1.0	<1.0	<1.0
	Chromium (total)	7440473	µg l ⁻¹	U	20	17	13
	Copper (dissolved)	7440508	µg l ⁻¹	U	<1.0	<1.0	<1.0
	Copper	7440508	µg l ⁻¹	U	<1.0	<1.0	<1.0
	Mercury	7439976	µg l ⁻¹	U	<0.50	<0.50	<0.50
	Nickel (dissolved)	7440020	µg l ⁻¹	U	<1.0	<1.0	<1.0
	Nickel	7440020	µg l ⁻¹	U	13	12	11
	Lead (dissolved)	7439921	µg l ⁻¹	U	<1.0	<1.0	<1.0
	Lead	7439921	µg l ⁻¹	U	<1.0	<1.0	<1.0
	Antimony (dissolved)	7440364	µg l ⁻¹	U	<1.0	<1.0	<1.0
	Antimony	7440364	µg l ⁻¹	U	<1.0	<1.0	<1.0
	Vanadium (dissolved)	7440622	µg l ⁻¹	U	<1.0	<1.0	<1.0

All tests undertaken between 14/06/2011 and 21/06/2011

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page.

Column page 1

Report page 1 of 3

LIMS sample ID range AG13292 to AG13294

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 13 June 2011

Trostre B

Report Date
23 June 2011

		137065		
		AG13292	AG13293	AG13294
		SW1	SW2	SW3
		10/06/2011	10/06/2011	10/06/2011
		WATER	WATER	WATER
1450	Vanadium	U	U	U
	Zinc (dissolved)	µg l ⁻¹	µg l ⁻¹	µg l ⁻¹
	Zinc	7440622	7440666	7440666
1470	Iron (total)	36	19	23
1670	TPH (Aqueous Phase)	90	110	140
1700	Naphthalene	610	550	230
	Acenaphthylene	<10	<10	<10
	Acenaphthene	<0.1	<0.1	<0.1
	Fluorene	<0.1	<0.1	<0.1
	Phenanthrene	<0.1	<0.1	<0.1
	Anthracene	<0.1	<0.1	<0.1
	Fluoranthene	<0.1	<0.1	<0.1
	Pyrene	<0.1	<0.1	<0.1
	Benzo[a]anthracene	<0.1	<0.1	<0.1
	Chrysene	<0.1	<0.1	<0.1
	Benzo[b]fluoranthene	<0.1	<0.1	<0.1
	Benzo[k]fluoranthene	<0.1	<0.1	<0.1
	Benzo[a]pyrene	<0.1	<0.1	<0.1
	Dibenz[a,h]anthracene	<0.1	<0.1	<0.1
	Indeno[1,2,3-cd]pyrene	<0.1	<0.1	<0.1
	Benzo[g,h,i]perylene	<0.1	<0.1	<0.1
	Total (of 16) PAHs	<2	<2	<2
1900	2-sec-Butyl-4,6-dinitrophenol	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	<0.0002	<0.0002	<0.0002

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 13 June 2011

Trostre B

Report Date
23 June 2011

		137065		
		AG13292	AG13293	AG13294
		SW1	SW2	SW3
		10/06/2011	10/06/2011	10/06/2011
		WATER	WATER	WATER
1900	2,4-Dinitrophenol			
	2-Methyl-4,6-dinitrophenol			
	2-Methylphenol			
	3-Methylphenol			
	4-Methylphenol			
	2-Nitrophenol			
	4-Nitrophenol			
	Pentachlorophenol			
	Phenol			
	2,3,4,5-Tetrachlorophenol			
	2,3,4,6-Tetrachlorophenol			
	2,3,5,6-Tetrachlorophenol			
	2,3,4-Trichlorophenol			
	2,3,5-Trichlorophenol			
	2,3,6-Trichlorophenol			
	2,4,5-Trichlorophenol			
	2,4,6-Trichlorophenol			
	3,4,5-Trichlorophenol			
51285		<0.0002	<0.0002	<0.0002
534521		<0.0002	<0.0002	<0.0002
95487		<0.0002	<0.0002	<0.0002
108394		<0.0002	<0.0002	<0.0002
106445		<0.0002	<0.0002	<0.0002
88755		<0.0002	<0.0002	<0.0002
100027		<0.0002	<0.0002	<0.0002
87865		<0.0002	<0.0002	<0.0002
108952		<0.0002	<0.0002	<0.0002
4901513		<0.0002	<0.0002	<0.0002
58902		<0.0002	<0.0002	<0.0002
935955		<0.0002	<0.0002	<0.0002
15950660		<0.0002	<0.0002	<0.0002
933788		<0.0002	<0.0002	<0.0002
933755		<0.0002	<0.0002	<0.0002
95954		<0.0002	<0.0002	<0.0002
88062		<0.0002	<0.0002	<0.0002
609198		<0.0002	<0.0002	<0.0002

LABORATORY TEST REPORT

Results of analysis of 5 samples
received 8 July 2011

Trostre B

Report Date
18 July 2011

Login Batch No

Chemtest LIMS ID

Sample ID

Sample No

Sampling Date

Depth

Matrix

SOP↓ Determinand↓

1010 pH

1020 Electrical Conductivity

1090 Biochemical Oxygen Demand

1100 Chemical Oxygen Demand

1220 Alkalinity

Chloride

Ammoniacal Nitrogen

1300 Cyanide (total) Low-Level

1470 Iron (dissolved)

1220 Sulfate

1450 Arsenic (dissolved)

Arsenic

Boron

Beryllium

Cadmium

Chromium (dissolved)

Chromium (total)

Copper (dissolved)

Copper

Mercury

Nickel (dissolved)

Nickel

Lead (dissolved)

Lead

Antimony (dissolved)

Antimony

Vanadium (dissolved)

137817

AG23037 SW1

AG23038 SW2

AG23039 SW3

AG23040 BH2

AG23041 BH3

07/07/2011

07/07/2011

07/07/2011

07/07/2011

07/07/2011

07/07/2011

07/07/2011

07/07/2011

07/07/2011

07/07/2011

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07/07/2011

07/07/2011

07/07/2011

07/07/2011

07/07/2011

07/07/2011

07/07/2011

All tests undertaken between 11/07/2011 and 18/07/2011

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page.

Column page 1

Report page 1 of 3

LIMS sample ID range AG23037 to AG23041

LABORATORY TEST REPORT

Results of analysis of 5 samples
received 8 July 2011

Trostre B

Report Date
18 July 2011

		137817			
		AG23037	AG23038	AG23039	AG23041
		SW1	SW2	SW3	BH3
		07/07/2011	07/07/2011	07/07/2011	07/07/2011
		WATER	WATER	WATER	WATER
1450	Vanadium	U	3.5	3.7	<1.0
	Zinc (dissolved)	U	22	44	34
	Zinc	U	63	81	46
1470	Iron (total)	N	820	770	3900
1670	TPH (Aqueous Phase)	U	<10	<10	<10
1700	Naphthalene	U	<0.1	<0.1	<0.1
	Acenaphthylene	U	<0.1	<0.1	<0.1
	Acenaphthene	U	0.8	<0.1	<0.1
	Fluorene	U	0.5	<0.1	<0.1
	Phenanthrene	U	<0.1	<0.1	<0.1
	Anthracene	U	<0.1	<0.1	<0.1
	Fluoranthene	U	<0.1	<0.1	<0.1
	Pyrene	U	<0.1	<0.1	<0.1
	Benzo[a]anthracene	U	<0.1	<0.1	<0.1
	Chrysene	U	<0.1	<0.1	<0.1
	Benzo[b]fluoranthene	U	<0.1	<0.1	<0.1
	Benzo[k]fluoranthene	U	<0.1	<0.1	<0.1
	Benzo[a]pyrene	U	<0.1	<0.1	<0.1
	Dibenzo[a,h]anthracene	U	<0.1	<0.1	<0.1
	Indeno[1,2,3-cd]pyrene	U	<0.1	<0.1	<0.1
	Benzo[g,h,i]perylene	U	<0.1	<0.1	<0.1
	Total (of 16) PAHs	N	<2	<2	<2
1900	2-sec-Butyl-4,6-dinitrophenol	N	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	N	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	N	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	N	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	N	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	N	<0.0002	<0.0002	<0.0002

LABORATORY TEST REPORT

Results of analysis of 5 samples
received 8 July 2011

Trostre B

Report Date
18 July 2011

		137817			
		AG23037	AG23038	AG23039	AG23041
		SW1	SW2	SW3	BH3
		07/07/2011	07/07/2011	07/07/2011	07/07/2011
		WATER	WATER	WATER	WATER
1900	2,4-Dinitrophenol	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methylphenol	<0.0002	<0.0002	<0.0002	<0.0002
	3-Methylphenol	<0.0002	<0.0002	<0.0002	<0.0002
	4-Methylphenol	<0.0002	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	<0.0002	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	<0.0002	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	<0.0002	<0.0002	<0.0002	<0.0002
	Phenol	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,6-Trichlorophenol	<0.0002	<0.0002	<0.0002	<0.0002
	2,4,5-Trichlorophenol	<0.0002	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	<0.0002	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	<0.0002	<0.0002	<0.0002	<0.0002
51285					
534521					
95487					
108394					
106445					
88755					
100027					
87865					
108952					
4901513					
58902					
935955					
15950660					
933788					
933755					
95954					
88062					
609198					

LABORATORY TEST REPORT

**Results of analysis of 3 samples
received 15 August 2011**

Trostre B

FAO R Holmes

		138693		AG35503		AG35504		AG35505	
		SW		SW		SW		SW	
		1		2		3			
1450	Vanadium	7440622	µg l ⁻¹	U	<1.0	<1.0	12/08/2011	12/08/2011	12/08/2011
	Zinc (dissolved)	7440666	µg l ⁻¹	U	1.3	1.1			
	Zinc	7440666	µg l ⁻¹	U	12	16			
1470	Iron (total)	7439896	µg l ⁻¹	N	450	420			
1670	TPH (Aqueous Phase)		µg l ⁻¹	U	<10	<10			
1700	Naphthalene	91203	µg l ⁻¹	U	<0.1	<0.1			
	Acenaphthylene	208968	µg l ⁻¹	U	<0.1	<0.1			
	Acenaphthene	83329	µg l ⁻¹	U	<0.1	<0.1			
	Fluorene	86737	µg l ⁻¹	U	<0.1	<0.1			
	Phenanthrene	85018	µg l ⁻¹	U	<0.1	<0.1			
	Anthracene	120127	µg l ⁻¹	U	<0.1	<0.1			
	Fluoranthene	206440	µg l ⁻¹	U	<0.1	<0.1			
	Pyrene	129000	µg l ⁻¹	U	<0.1	<0.1			
	Benzofluoranthene	56553	µg l ⁻¹	U	<0.1	<0.1			
	Chrysene	218019	µg l ⁻¹	U	<0.1	<0.1			
	Benzobenzofluoranthene	205992	µg l ⁻¹	U	<0.1	<0.1			
	Benzokjfluoranthene	207089	µg l ⁻¹	U	<0.1	<0.1			
	Benzofluoranthene	50328	µg l ⁻¹	U	<0.1	<0.1			
	Dibenzofluoranthene	53703	µg l ⁻¹	U	<0.1	<0.1			
	Indeno[1,2,3-cd]pyrene	193395	µg l ⁻¹	U	<0.1	<0.1			
	Benzofluoranthene	191242	µg l ⁻¹	U	<0.1	<0.1			
	Total (of 16) PAHs		µg l ⁻¹	N	<2	<2			
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l ⁻¹	N	<0.0002	<0.0002			
	4-Chloro-3-methylphenol	59507	mg l ⁻¹	N	<0.0002	<0.0002			
	2-Chlorophenol	95578	mg l ⁻¹	N	<0.0002	<0.0002			
	2,4-Dichlorophenol	120832	mg l ⁻¹	N	<0.0002	<0.0002			
	2,6-Dichlorophenol	87650	mg l ⁻¹	N	<0.0002	<0.0002			
	2,4-Dimethylphenol	105679	mg l ⁻¹	N	<0.0002	<0.0002			

All tests undertaken between 16/08/2011 and 23/08/2011

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page.

Column page 1

Report page 2 of 3

LIMS sample ID range AG35503 to AG35505

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 15 August 2011

Report Date
23 August 2011

Trostre B

		138693		
		AG35503	AG35504	AG35505
		SW	SW	SW
		1	2	3
		12/08/2011	12/08/2011	12/08/2011
		WATER	WATER	WATER
1900	2,4-Dinitrophenol	51285		
	2-Methyl-4,6-dinitrophenol	534521	<0.0002	<0.0002
	2-Methylphenol	95487	<0.0002	<0.0002
	3-Methylphenol	108394	<0.0002	<0.0002
	4-Methylphenol	106445	<0.0002	<0.0002
	2-Nitrophenol	88755	<0.0002	<0.0002
	4-Nitrophenol	100027	<0.0002	<0.0002
	Pentachlorophenol	87865	<0.0002	<0.0002
	Phenol	108952	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	<0.0002	<0.0002
	2,4,5-Trichlorophenol	95954	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	<0.0002	<0.0002

Carmarthenshire County Council				
Job: Trostre Landfill Gas Testing				
Bore Hole Location	Date	O ₂ (%)	CH ₄ (%)	CO ₂ (%)
1	Sep-10	0.2	13	7
2	Sep-10	16.2	0	1.4
3	Sep-10	12.3	0	4.2
4	Sep-10	1.4	0	2.5
1	Oct-10	1.7	10	5.2
2	Oct-10	18	0	1.7
3	Oct-10	2	47	9
4	Oct-10	1.2	0	5.1
1	Nov-10	1.3	5	6
2	Nov-10	19.8	0	0.7
3	Nov-10	17.1	1	1.2
4	Nov-10	1.8	1.5	3.2
1	Dec-10	1.4	1.3	5.2
2	Dec-10	19.7	0	0.1
3	Dec-10	10.8	1.4	2.3
4	Dec-10	4	0	4.2
1	Jan-11	0.2	6	4
2	Jan-11	19.3	0	0.6
3	Jan-11	9.2	4.9	2.7
4	Jan-11	0.6	0	2.7
1	Feb-11	0.7	5.3	3
2	Feb-11	18.4	0.1	1.1
3	Feb-11	13	2.2	1.7
4	Feb-11	3.2	0	2.7
1	Mar-11	0.2	4.5	4.4
2	Mar-11	19.1	2.2	1.5
3	Mar-11	16	0	1.7
4	Mar-11	1.6	0	3.1
1	Apr-11	0.2	4	2.3
2	Apr-11	20.1	0	0.1
3	Apr-11	10.2	4	3.2
4	Apr-11	2	0	2.6
1	May-11	0.4	5	7
2	May-11	16.6	0	2.9
3	May-11	14.4	0.8	2.7
4	May-11	0.8	0.5	3.1
1	Jun-11	0.4	5	7
2	Jun-11	16.6	0.6	2.9
3	Jun-11	14.4	0.8	2.7
4	Jun-11	0.8	0.5	3.1
1	Jul-11	5.5	9	5
2	Jul-11	20.4	0	0.1
3	Jul-11	3.5	4.6	7
4	Jul-11	1.2	2.5	3.3
1	Aug-11	0.4	4	3
2	Aug-11	20.2	2	1.1
3	Aug-11	15	0.5	2
4	Aug-11	2.2	0	2.4