



Five Fords WwTW Advanced Anaerobic Digestion

Traffic Statement

June 2016

Dŵr Cymru Welsh Water

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Traffic Statement

June 2016

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Tŷ Awen
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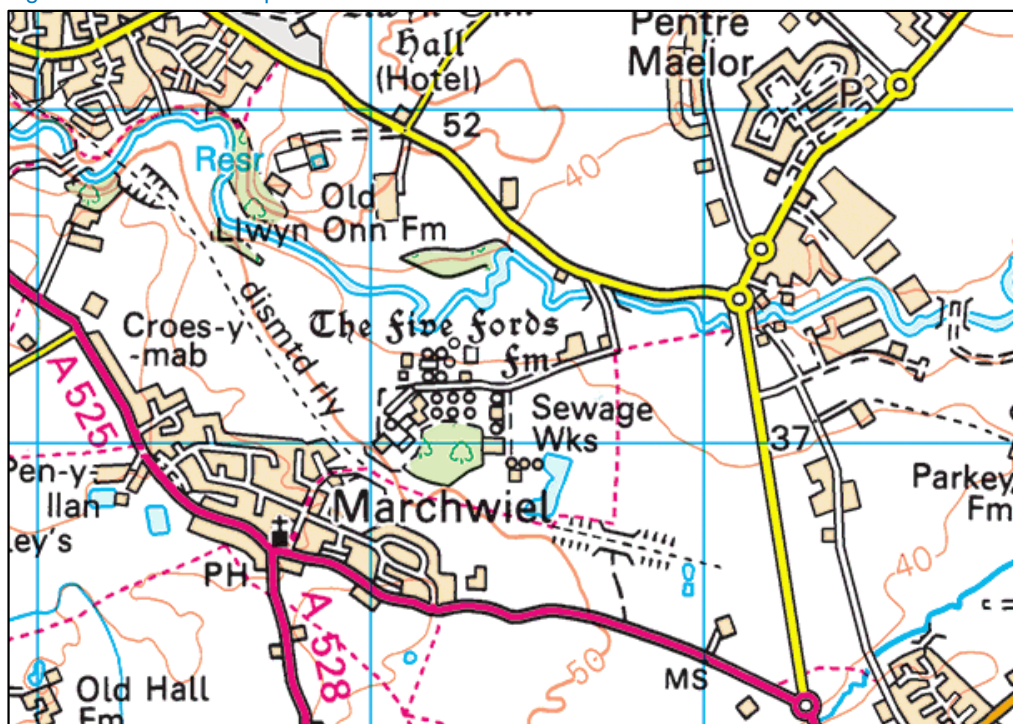
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1 Introduction

Mott MacDonald Bentley (MMB) has been commissioned by Dŵr Cymru Welsh Water (DCWW) to produce a Transport Statement in support of a planning application for the construction of an Advanced Anaerobic Digestion facility (AAD) at the Five Fords Wastewater Treatment Works (WwTW) at Wrexham. This facility will generate gas from sewage sludge which will be fed into the national grid. The treated residue will be exported as a soil conditioner. The location of the Five Fords site to the south east of Wrexham is shown in Figure 1.1 below.

Figure 1.1: Site location plan



Source: Ordnance Survey Crown Copyright data @ Crown copyright and database 2016

This Transport Statement sets out the current access situation at the site and discusses the projected change in vehicle movements anticipated through construction and operation of the AAD. Direct access to the site is via Cefn Road (to the north) with a dedicated access track crossing the Afon Clywedog. This access is currently being improved to provide a new junction with Cefn Road which conforms to current highway standards; the track itself is also being widened to allow bi-directional flow.

The remainder of this document is structured as follows:

- **Chapter 2** considers the existing use of the site;
- **Chapter 3** outlines the anticipated traffic movements during construction and operation of the AAD; and

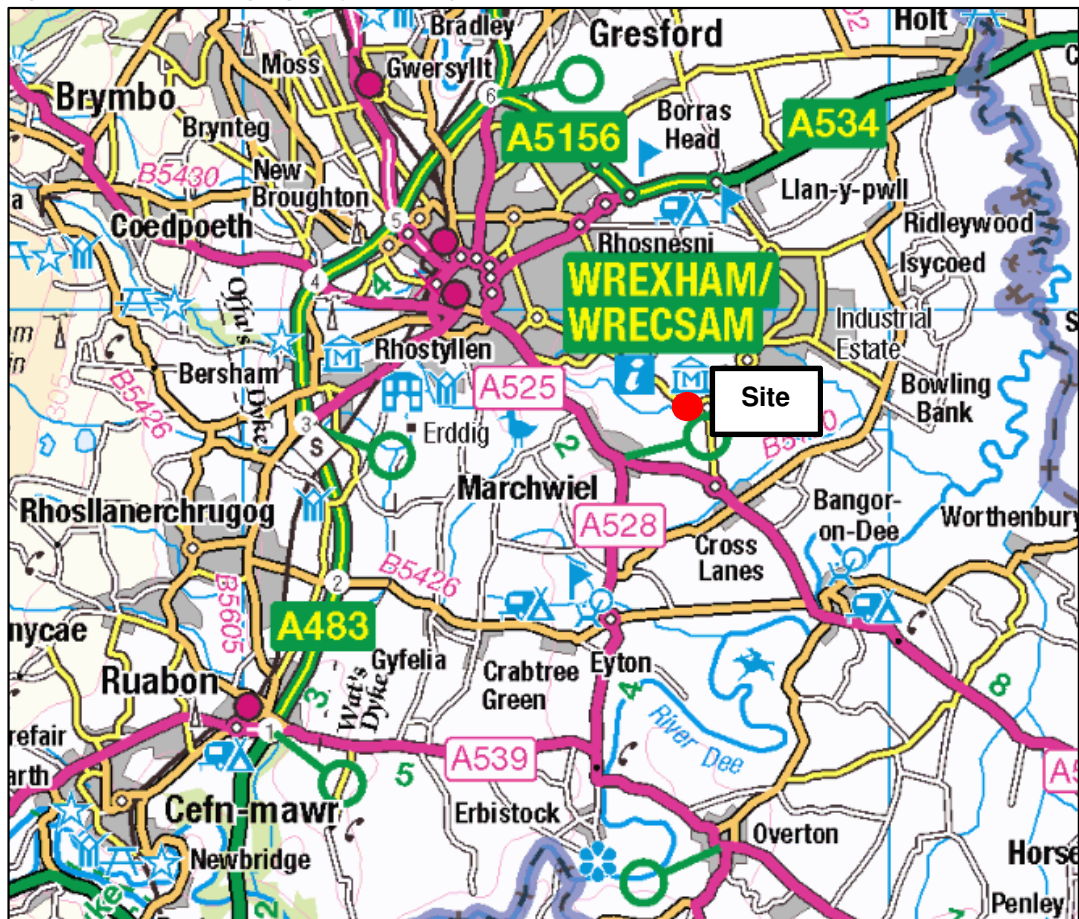
- **Chapter 4** draws conclusions regarding transport movements and the impacts of the proposed development.

2 Existing Highway Access

2.1 Site Access Location

The Five Fords WwTW is located approximately 2 miles to the south east of the town of Wrexham. The site is accessed directly off Cefn Road and the area surrounding the site is served by the A483 trunk road and a number of other principal roads as shown in Figure 2.1 below.

Figure 2.1: Surrounding highway network plan



Source: Ordnance Survey Crown Copyright data @ Crown copyright and database 2016

2.2 Current Vehicular Movements

The site is currently accessed by cars (staff) and both rigid and articulated vehicles (operational HGV) during the course of the day. The number of daily staff and operational HGV vehicle movements have not been observed to be an issue in terms of junction capacity as both are relatively low at approximately 60 and 75 respectively during the week (source:

Five Fords Sludge Treatment and Sustainable Energy Facility - Transport and Access
Statement November 2009 - AECOM Limited).

The improved junction onto Cefn Road allows articulated lorries to enter and leave the site safely and without crossing the centreline, with improved visibility provided in both directions.

A recent traffic survey undertaken in 2015 recorded the total numbers of vehicles using Cefn Road over a 1 week period between 13 April 2015 and 18 April 2015. The results are summarised in Table 2.1 below for the hours of 08:00 to 16:00, which are the usual operating hours for the site.

Table 2.1: Total Traffic Counts on Cefn Road (08:00-16:00)

Date	Eastbound	Westbound	Total
Monday 13/04/2015	1435	1271	2706
Tuesday 14/04/2015	1401	1270	2671
Wednesday 15/04/2015	1502	1335	2837
Thursday 16/04/2015	1525	1337	2862
Friday 17/04/2015	1485	1452	2937
Saturday 18/04/2015	847	834	1681

Source: Mott MacDonald

3 Effects of the AAD on Vehicle Movements

3.1 Anticipated Vehicle Movements

The traffic associated with the existing WwTW will continue to operate as before with no significant variations. The AAD will cause a minimal increase in vehicle movements associated with the importation of sludge and process chemicals and the export of soil conditioner derived from the treated sludge. There will also be a temporary slight increase in vehicle movements associated with the construction of the facility.

3.2 Construction Phase

Construction of the AAD is anticipated to take 3 years during which time there will be approximately 50 construction workers and up to 20 design staff working at the site each day. The majority of these people will be living locally and travelling to site by road. All vehicles will be parked within the site compound. It is anticipated that staff related traffic will arrive at site between 06:00 and 08:00 and will leave between 16:00 and 18:00. Car sharing will be promoted and therefore an allowance of 50 vehicles per day has been assumed (100 movements per day). Table 3.1 shows traffic flows along Cefn Road between these hours.

Table 3.1: Early and Late Traffic Flows

Time		13/04/15	14/04/15	15/04/15	16/04/15	17/04/15	18/04/15
06-08:00	Eastbound	563	550	547	544	517	119
	Westbound	194	233	208	231	212	44
12-13:00	Eastbound						126
	Westbound						153
16-18:00	Eastbound	347	354	365	368	314	
	Westbound	752	733	776	787	605	

Source: Mott MacDonald

The additional traffic movements arising from site staff will be less than 10% of the existing traffic flow along Cefn Road during both weekday mornings and afternoons. Should weekend working occur (Saturday mornings) it is envisaged that this would be with a reduced staff complement (30 vehicles) which would increase traffic flows by some 14% in the morning (06:00 – 08:00) and 18% in the afternoon (12:00 – 13:00).

The construction itself will entail deliveries of concrete and other building materials. Site establishment and decommissioning of the construction compound will entail a short term increase in vehicle movements as plant and accommodation are delivered and removed from site. Construction plant will remain on site overnight during the construction period. It is anticipated that these activities would take two to three days and would not result in a significant impact to the local highway network over such a short timeframe.

During the three year construction period it is estimated that there will be approximately 700 large vehicles visiting the site to deliver construction materials (concrete, prefabricated equipment etc.). Rather than a constant stream of vehicles it is likely that deliveries of material will occur in batches of short duration. Over the three year construction period there are 750 working days; however if deliveries are concentrated into 1/3 of the available time this would still only amount to 4 lorries per day. Certain activities, such as slab pouring, would likely require more intensive vehicle movements and so it is considered that during peak periods an assumed 20 lorry visits (40 movements) to site per day would represent a worst case scenario. This level of additional traffic is not considered to present a significant increase compared to the current levels of traffic using Cefn Road. The increase amounts to approximately 1.4% increase on the base scenario of 2800 vehicle movements each day.

3.3 Operational Phase

It is anticipated that the proposed development will generate approximately 8 additional sludge tanker deliveries each day, together with approximately 13 additional trailer movements distributing the treated sludge. Staff operating the new plant will account for an additional 10 vehicles (total 62 movements per day). These additional vehicle movements associated with the proposed development account for less than a 1.2% increase in traffic movements in both directions on Cefn Road.

4 Summary and Conclusions

The assessment of transport aspects associated with the proposed new Five Fords AAD is summarised as follows:

- The existing access at Five Fords is currently undergoing improvement works to provide a junction that complies with current standards which will significantly improve site access and safety at the junction; these works will be completed prior to the construction of the AAD project;
- There will be a minimal temporary increase in traffic movements along Cefn Road during construction of the AAD; and
- Traffic movements will only be slightly increased during the long-term operation of the AAD plant.

Appendices

A. Traffic Survey Data

Automatic Classified Counts, Wrexham

LOCATION: CEFN ROAD (EAST)

Direction : WESTBOUND

Wednesday 15/04/2015 Hr Ending	VEHICLE CLASSIFICATION													TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	7	1	0	0	0	0	0	0	0	0	0	0	0	8
2	5	2	0	0	0	0	0	0	0	0	0	0	0	7
3	8	0	0	0	0	0	0	0	0	0	0	0	0	8
4	10	0	0	0	0	0	0	0	0	0	0	0	0	10
5	8	2	0	0	0	0	0	0	0	0	0	0	0	10
6	23	3	0	0	0	0	0	0	0	0	0	0	0	27
7	105	6	0	0	0	0	0	1	0	0	0	1	0	113
8	61	28	0	0	3	0	0	0	1	0	0	1	2	95
9	131	38	0	0	1	0	0	1	2	0	0	2	0	175
10	91	25	2	0	2	0	0	0	0	0	0	3	0	123
11	74	24	0	0	5	0	0	0	0	0	0	2	0	105
12	101	34	0	0	4	0	0	0	0	0	0	3	0	142
13	136	22	0	0	2	0	0	0	0	0	1	2	0	163
14	131	27	1	0	1	0	0	0	0	0	0	3	0	163
15	210	23	0	1	0	0	0	1	0	0	0	1	0	236
16	191	26	1	0	2	0	1	0	1	0	2	4	0	228
17	310	34	0	1	0	0	1	1	0	0	0	3	0	350
18	397	26	0	0	0	0	0	0	1	0	0	2	0	426
19	171	12	0	1	0	0	0	0	1	0	0	1	0	186
20	94	8	0	0	0	0	0	0	0	0	0	1	0	103
21	45	5	0	0	0	0	0	0	0	0	0	2	0	52
22	45	1	0	0	0	0	0	0	0	0	0	1	0	47
23	77	2	0	0	0	0	0	0	0	0	0	1	0	80
24	17	0	0	0	0	0	0	0	0	0	0	0	0	17
7-19	2004	319	4	3	20	0	2	3	5	0	4	28	0	2392
6-22	2293	339	4	3	20	0	2	4	5	0	4	33	0	2707
6-24	2387	341	4	3	20	0	2	4	5	0	4	34	0	2804
0-24	2448	349	4	3	20	0	2	4	5	0	5	34	0	2874

Direction : EASTBOUND

Wednesday 15/04/2015 Hr Ending	VEHICLE CLASSIFICATION													TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	4	1	0	0	0	0	0	0	1	0	0	0	0	6
3	5	0	0	0	0	0	0	0	0	0	0	0	0	5
4	19	1	0	0	1	0	0	0	0	0	0	0	0	21
5	17	3	0	0	0	0	0	0	0	0	0	0	0	20
6	230	7	0	0	0	0	0	1	0	0	0	1	0	239
7	234	5	0	1	0	0	0	0	0	0	0	1	0	241
8	279	21	0	0	0	0	0	2	0	0	1	3	0	306
9	318	21	1	0	2	0	0	1	1	0	0	3	0	347
10	128	22	0	1	2	0	0	0	0	0	0	1	0	154
11	88	20	1	0	1	0	0	1	0	0	0	2	0	113
12	126	28	1	0	1	0	0	1	0	0	0	1	0	158
13	139	22	0	0	2	0	0	0	0	0	0	0	0	163
14	203	24	0	0	0	0	0	0	0	0	0	1	0	228
15	133	17	1	1	0	0	0	0	0	0	1	3	0	156
16	152	25	0	0	4	0	0	0	0	0	0	2	0	183
17	131	14	0	0	0	0	0	0	0	0	0	2	0	147
18	204	11	0	2	0	0	0	0	0	0	0	1	0	218
19	134	5	0	1	0	0	0	1	1	0	0	1	0	143
20	77	4	0	0	0	0	0	0	0	0	0	1	0	82
21	47	1	0	0	0	0	0	0	0	0	0	1	0	49
22	44	1	0	0	0	0	0	0	0	0	0	1	0	46
23	13	0	0	0	0	0	0	0	0	0	0	0	0	13
24	8	0	0	0	0	0	0	0	0	0	1	0	0	9
7-19	2035	230	4	5	12	0	0	6	2	0	2	20	0	2316
6-22	2437	241	4	6	12	0	0	6	2	0	2	24	0	2734
6-24	2458	241	4	6	12	0	0	6	2	0	3	24	0	2756
0-24	2734	253	4	6	13	0	0	7	3	0	3	25	0	3048

Automatic Classified Counts, Wrexham

LOCATION: CEFN ROAD (EAST)

Direction : WESTBOUND

Thursday 16/04/2015 Hr Ending	VEHICLE CLASSIFICATION													TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	8	1	0	0	0	0	0	0	0	0	0	0	0	9
2	1	1	0	0	0	0	0	0	0	0	0	0	0	2
3	9	0	0	0	0	0	0	0	0	0	0	0	0	9
4	9	1	0	0	0	0	0	0	0	0	0	0	0	10
5	8	1	0	0	0	0	0	0	0	0	0	0	0	9
6	25	1	0	0	0	0	0	0	0	0	1	0	0	27
7	124	6	0	0	0	0	0	0	0	0	0	1	0	131
8	62	28	3	0	3	0	0	0	0	0	0	4	0	100
9	136	22	0	2	0	0	1	0	0	0	0	3	0	164
10	100	26	1	0	2	0	0	0	1	0	0	4	0	134
11	77	25	0	4	0	0	1	1	0	0	0	4	0	112
12	93	29	2	0	1	0	2	0	1	0	0	2	0	130
13	122	28	1	0	1	0	0	0	0	0	0	0	0	162
14	117	28	0	0	1	0	0	0	1	0	1	3	0	151
15	231	33	0	0	3	0	0	0	0	0	0	4	0	271
16	184	34	0	0	2	0	1	0	0	0	0	2	0	223
17	320	38	0	0	1	0	1	0	0	0	0	1	0	362
18	392	28	0	0	1	0	0	1	0	0	0	3	0	425
19	162	15	0	0	0	0	0	0	1	0	0	0	0	178
20	101	10	0	0	0	0	0	0	0	0	1	2	0	114
21	49	7	0	0	0	0	0	0	0	0	0	1	0	57
22	36	4	0	0	1	0	0	0	0	0	0	1	0	42
23	75	3	0	0	0	0	0	0	0	0	0	1	0	79
24	22	0	0	0	0	0	0	0	0	0	0	0	0	22
7-19	1996	334	7	0	21	0	4	5	4	0	1	30	0	2402
6-22	2306	361	7	0	22	0	4	5	4	0	2	35	0	2746
6-24	2403	364	7	0	22	0	4	5	4	0	2	36	0	2847
0-24	2463	369	7	0	22	0	4	5	4	0	3	36	0	2913

Direction : EASTBOUND

Thursday 16/04/2015 Hr Ending	VEHICLE CLASSIFICATION													TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	2	0	0	0	0	0	0	0	0	0	0	0	0	2
2	1	0	0	0	0	0	0	0	0	0	1	0	0	2
3	1	0	0	0	0	0	0	0	0	0	0	0	0	1
4	19	1	0	0	0	0	0	0	0	0	0	0	0	20
5	21	0	0	0	0	0	0	0	0	0	0	0	0	21
6	211	4	0	0	0	0	0	0	0	0	0	0	1	216
7	228	4	0	0	1	0	0	1	0	0	0	1	2	237
8	282	21	1	0	0	0	0	1	0	0	1	1	0	307
9	293	26	0	0	0	0	0	0	0	0	0	3	0	322
10	123	17	0	1	0	0	0	0	0	0	0	6	0	148
11	110	28	1	0	2	0	0	0	0	0	0	2	0	143
12	108	24	1	1	1	0	1	1	1	0	1	3	0	142
13	126	28	1	1	1	0	0	0	0	0	0	2	0	159
14	210	19	0	1	0	0	0	0	0	0	1	4	0	235
15	136	43	3	0	1	0	1	0	0	0	0	7	0	191
16	148	24	0	1	6	0	0	0	2	0	2	0	0	185
17	142	14	0	0	1	0	1	1	0	0	0	2	0	161
18	201	4	0	0	1	0	0	0	0	0	0	1	0	207
19	123	3	0	1	0	0	0	0	0	0	1	1	0	129
20	83	5	0	0	0	0	0	0	1	0	0	1	0	90
21	56	2	0	0	0	0	0	0	0	0	0	1	0	59
22	45	3	0	0	0	0	0	0	0	0	0	1	0	49
23	24	0	0	0	0	0	0	0	0	0	0	0	0	24
24	12	1	0	0	0	0	0	0	1	0	0	0	0	14

Automatic Classified Counts, Wrexham

LOCATION: CEFN ROAD (EAST)

Direction : WESTBOUND

Friday 17/04/2015 Hr Ending	VEHICLE CLASSIFICATION													TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	11	0	0	0	0	0	0	0	0	0	0	0	0	11
2	12	1	0	0	0	0	0	0	0	0	0	0	0	13
3	4	1	0	0	0	0	0	0	0	0	0	0	0	5
4	4	0	0	0	0	0	0	0	0	0	0	0	0	4
5	10	0	0	0	0	0	0	0	0	0	0	0	0	10
6	36	3	0	0	0	0	0	0	1	0	0	0	0	41
7	103	7	0	0	0	0	0	1	0	0	1	0	0	112
8	72	22	0	0	2	0	0	0	0	0	0	4	0	100
9	127	36	0	0	0	0	0	2	0	0	0	2	0	167
10	84	28	1	1	2	0	1	0	0	0	2	0	2	121
11	95	19	3	0	1	0	0	1	0	0	0	2	0	121
12	101	19	1	1	0	0	0	1	0	0	0	0	0	126
13	145	34	0	0	1	0	0	1	0	0	1	3	0	166
14	208	26	1	1	0	0	0	0	1	0	0	4	0	241
15	224	35	0	0	2	0	0	1	0	0	1	5	0	268
16	192	23	0	2	0	0	1	0	1	0	0	3	0	222
17	261	41	0	0	1	0	0	0	1	0	0	2	0	306
18	273	23	0	0	0	0	0	1	0	0	0	2	0	299
19	189	16	0	0	0	0	0	0	1	0	0	0	0	206
20	91	6	0	0	0	0	0	0	0	0	0	1	0	98
21	57	4	0	0	0	0	0	0	0	0	0	2	0	63
22	45	0	0	0	0	0	0	0	0	0	0	1	0	46
23	59	2	0	0	0	0	0	0	0	0	0	1	0	62
24	20	1	0	0	0	0	0	0	0	0	0	0	0	21
7-19	1971	322	6	5	9	0	3	6	5	0	4	32	0	2363
6-22	2267	339	6	5	9	0	3	7	5	0	4	37	0	2682
6-24	2346	342	6	5	9	0	3	7	5	0	4	38	0	2765
0-24	2423	347	6	5	9	0	3	7	6	0	5	38	0	2949

Direction : EASTBOUND

Friday 17/04/2015 Hr Ending	VEHICLE CLASSIFICATION													TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	3	0	0	0	0	0	0	0	0	0	0	0	0	3
2	6	0	0	0	0	0	0	0	0	0	2	0	0	8
3	2	2	0	0	0	0	0	0	0	0	0	0	0	4
4	20	0	0	0	0	0	0	0	0	0	0	0	0	20
5	19	0	0	0	0	0	0	0	0	0	0	0	0	19
6	222	2	0	0	0	0	0	0	0	0	0	1	0	225
7	209	4	0	0	0	0	0	2	0	0	1	1	0	217
8	274	21	0	0	0	0	0	1	1	0	0	3	0	300
9	279	22	0	0	0	0	0	0	0	0	4	0	0	305
10	133	12	1	1	1	0	0	0	1	0	1	1	0	151
11	109	20	3	1	1	0	0	1	0	0	0	4	0	139
12	136	30	1	1	0	0	0	0	1	0	0	3	0	172
13	135	17	3	0	1	0	0	0	0	0	1	1	0	158
14	199	26	0	1	0	0	0	0	1	0	0	4	0	231
15	121	29	0	0	5	0	0	0	0	0	0	4	0	159
16	144	23	0	0	1	0	0	0	0	0	0	2	0	170
17	134	10	1	1	0	0	2	3	0	0	0	3	0	154
18	153	7	0	0	0	0	0	0	0	0	0	0	0	160
19	133	9	0	1	0	0	0	0	1	0	1	1	0	146
20	68	2	0	0	0	0	0	0	1	0	0	1	0	72
21	35	1	0	0	0	0	0	0	0	0	0	1	0	37
22	29	1	0	0	0	0	0	0	0	0	0	1	0	31
23	19	0	0	0	0	0	0	0	0	0	0	0	0	19
24	14	0	0	0	0	0	0	0	0	0	0	0	0	14
7-19	1950	226	9	6	9	0	2	5	5	0	3	30	0	2245
6-22	2291	234	9	6	9	0	2	7	6	0	4	34	0	2602
6-24	2324	234	9	6	9	0	2	7	6	0	4	34	0	2635
0-24	2596	238	9	6	9	0	2	7	6	0	6	35	0	2914

survey and presentation by **trafficsense** Ltd.

Automatic Classified Counts, Wrexham

LOCATION: CEFN ROAD (EAST)

Direction : WESTBOUND

Saturday 18/04/2015 Hr Ending	VEHICLE CLASSIFICATION													TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	17	1	0	0	0	0	0	0	0	0	0	0	0	18
2	8	3	0	0	0	0	0	0	0	0	0	0	0	11
3	4	0	0	0	0	0	0	0	0	0	0	0	0	4
4	10	0	0	0	0	0	0	0	0	0	0	0	0	10
5	9	1	0	0	0	0	0	0	0	0	0	0	0	10
6	30	3	0	0	0	0	0	0	0	0	1	0	0	34
7	60	4	0	0	0	0	0	0	1	0	0	1	0	66
8	26	5	0	0	1	0	0	1	0	0	0	1	0	34
9	47	14	0	0	0	0	0	0	0	0	0	1	0	62
10	88	12	0	0	1	0	0	0	0	0	0	1	0	102
11	84	18	0	0	1	0	0	1	0	0	0	1	0	105
12	92	15	0	0	0	0	0	1	0	0	0	1	0	109
13	138	13	0	0	0	0	0	1	0	0	0	1	0	153
14	105	15	0	0	1	0	0	1	0	0	0	2	0	124
15	88	9	0	0	0	0	0	1	0	0	0	1	0	99
16	70	8	0	0	0	0	0	1	0	0	0	1	0	80
17	105	7	0	0	0	0	0	0	0	0	0	1	0	113
18	108	11	0	0	0	0	0	0	0	0	0	1	0	120
19	129	6	0	0	0	0	0	0	0	0	0	1	0	136
20	53	9	0	0	0	0	0	0	0	0	0	2	0	64
21	32	1	0	0	0	0	0	0	0	0	0	1	0	34
22	22	1	0	0	0	0	0	0	0	0	0	1	0	24
23	22	0	0	0	0	0	0	0	0	0	0	1	0	23
24	10	1	0	0	0	0	0	0	0	0	0	0	0	11
7-19	1080	133	0	0	4	0	0	7	0	0	0	13	0	1237
6-22	1247	148	0	0	4	0	0	7	1	0	0	18	0	1425
6-24	1279	149	0	0	4	0	0	7	1	0	0	19	0	1459
0-24	1357	157	0	0	4	0	0	7	1	0	1	19	0	1546

Direction : EASTBOUND

Saturday 18/04/2015 Hr Ending	VEHICLE CLASSIFICATION													TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	10	0	0	0	0	0	0	0	1	0	0	0	0	11
2	8	0	0	0	0	0	0	0	0	0	0	0	0	8
3	3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	13	1	0	0	0	0	0	0	0	0	0	0	0	14
5	9	0	0	0	0	0	0	0	0	0	0	0	0	9
6	131	4	0	0	0	0	0	0	0	0	0	0	0	136
7	67	1	0	0	1	0	0	0	1	0	1	0	0	72
8	42	3	0	0	0	0	0	0	0	0	0	2	0	47
9	63	9	0	0	0	0	0	0	0	0	0	1	0	73
10	88	10	0	0	1	0	0	0	0	0	0	1	0	100
11	98	10	0	0	0	0	0	0	1	0	0	1	0	110
12	107	15	0	0	0	0	1	1	0	0	0	2	0	126
13	120	8	0	0	0	0	0	0	0	0	0	1	0	129
14	114	9	0	0	1	0	0	0	0	0	0	2	0	126
15	88	7	0	0	1	0	1	0	0	0	0	1	0	98
16	92	4	0	0	0	0	0	0	0	0	0	1	0	97
17	91	5	0	1	0	0	0	0	0	0	0	1	0	98
18	119	3	0	0	0	0	0	0	1	0	0	1	0	124
19	92	3	0	1	0	0	0	1	0	0	0	2	0	99
20	43	2	0	0	0	0	0	0	1	0	0	1	0	47
21	30	0	0	0	0	0	0	0	0	0	0	1	0	31
22	12	1	0	0	0	0	0	0	0	0	0	1	0	14
23	24	0	0	0	0	0	0	0	0	0	0	0	0	24
24	16	0	0	0	0	0	0	0	0	0	0	0	0	16
7-19	1114	86	0	2	3	0	2	2	2	0	0	16	0	1227
6-22	1266	90	0	2	4	0	2	4	4	0	1	20	0	1391
6-24	1306	90	0	2	4	0	2	4	0	1	20	0	0	1431
0-24	1480	95	0	2	4	0	2	2	5	0	1	21	0	1612