

LEACHATE HEADS ON STAGE 3 - BU8100

Date	Cell 1A	Cell 1B	Cell 2	Cell 3	Cell 4A	Cell 4B	Cell 5A(asb)	Volume discharged to sewer from bioplant m3
Fri, Sat, Sun								174.3
Mon-16.05.05	0.20	0.10	5.79	8.10	2.70	0.70	0.70	55.80
Tue-17.05.05	0.25	0.20	5.94	7.90	2.20	0.40	0.60	56.10
Wed-18.05.05	0.15	0.10	3.94	8.90	2.50	0.50	0.50	88.40
Thu-19.05.05	0.10	0.15	4.04	9.80	2.10	0.60	0.50	103.00
Fri-20.05.05	0.10	0.10	4.14	8.30	2.15	0.65	0.50	

Notes

Started to concentrate on taking leachate out of Cell 2 but all it seemed to achieve was to fill up Cell 3 which can be seen starting to occur on Wednesday.

We started from Friday just pumping the cells during the 8 to 9 hour window permitted by the UU. The affect of doing this is that there are no sudden increases or decreases in level.

The Carbon Filter plant, albeit with teething problems, has been working for nearly a week and we are awaiting the analysis.

Bioplant No 1 is almost devoid of phenoxy although the ammonia is still high due to poor nitrification. However the oxygen injection system has been sorted and nitrification should start to improve over the next few months.

There is good nitrification in Bioplant No 2 but the phenoxy level is still around 600ug/l. This material is being treated by the Activated Carbon Filter plant which currently is producing a clear effluent.

Cell 5A water level is reducing but this recent spell of rain has halted that trend.

Volume discharged
to sewer via bent. Lag.
m3
Sat & Sun - 464

231

236

236

245

234