# LEVEL MONITORING

## for Subsidence Management Services

## Greenfields, Vale Lane, Kersey, Ipswich, IP7 6EH

Client: Subsidence Management Services

Client Contact: Simon Davy
Claim Number: 10237146

Client Reference: IFS-AVI-SUB-19-0083874

Policy Holder: Mr Kennith Gleed
Report Date: 30 September 2022

Our Ref: M14544

## Level Monitoring Readings

The following table shows the reading levels of the various Level Monitoring Station points.

Date	1	2	3	4	5	6	7	8	
24/10/2019	10.0000	9.9990	9.9034	9.9256	9.9267	9.8970	9.8995	9.9955	
03/01/2020	10.0000	10.0006	9.9114	9.9282	9.9297	9.9023	9.9079	9.9948	
19/03/2020	10.0000	10.0012	9.9137	9.9295	9.9307	9.9034	9.9105	9.9948	
20/05/2020	10.0000	10.0007	9.9124	9.9284	9.9298	9.9028	9.9089	9.9949	
13/07/2020	10.0000	9.9998	9.9043	9.9250	9.9262	9.8963	9.9026	9.9945	
02/09/2020	10.0000	9.9988	9.8983	9.9233	9.9243	9.8932	9.8971	9.9946	
30/10/2020	10.0000	10.0004	9.9053	9.9252	9.9259	9.8964	9.9009	9.9942	
04/01/2021	10.0000	10.0011	9.9104	9.9268	9.9286	9.9011	9.9055	9.9930	
23/02/2021	10.0000	10.0010	9.9119	9.9277	9.9289	9.9017	9.9084	9.9940	
24/04/2021	10.0000	10.0013	9.9123	9.9279	9.9295	9.9022	9.9096	9.9949	
25/06/2021	10.0000	10.0005	9.9117	9.9271	9.9285	9.9011	9.9080	9.9935	
07/09/2021	10.0000	9.9998	9.9025	9.9223	9.9234	9.8935	9.8999	9.9931	
21/12/2021	10.0000	10.0002	9.9089	9.9249	9.9264	9.8981	9.9039	9.9933	
19/02/2022	10.0000	10.0010	9.9110	9.9262	9.9276	9.8999	9.9059	9.9934	
08/06/2022	10.0000	10.0002	9.9082	9.9246	9.9262	9.8978	9.9045	9.9922	
08/08/2022	10.0000	9.9996	9.8948	9.9181	9.9182	9.8855	9.8913	9.9910	
29/11/2022	10.0000	9.9993	9.8896	9.9153	9.9148	9.8807	9.8853	9.9911	

## Level Monitoring Difference Graphs

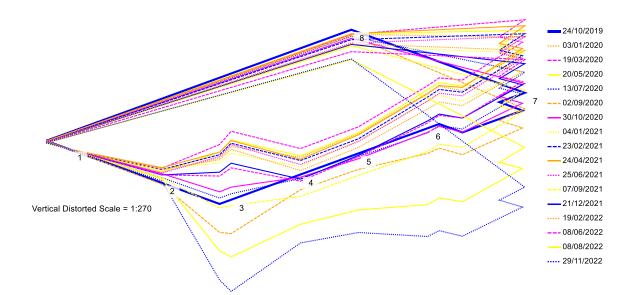
The following graphs display the progressive movement that each Level Monitoring Station recorded at each separate site visit date to give an overall look at how much the property is moving.

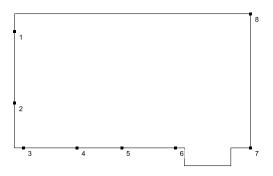




## Level Monitoring Displacement Map

The following image shows an isometric representation of the movement of the property, based on the Level Monitoring Stations that were installed.





**FRONT** 

Datum is level station 1, it has assumed value of 10,0000m. No suitable remote datum available, if this is not suitable please advise if a deep datum is required. Relative Survey

#### Site Visit: 3 January 2020

Level stations 3,5,6,7 all double checked for movement.

#### Site Visit: 13 July 2020

Downwards movement noted and checked- stations secure.

### Site Visit: 2 September 2020

Movement noted and checked - stations secure.

#### Site Visit: 30 October 2020

Upwards movement noted and checked- collars secure. - please see photos attached. Movement on crack readings checked against crack width.