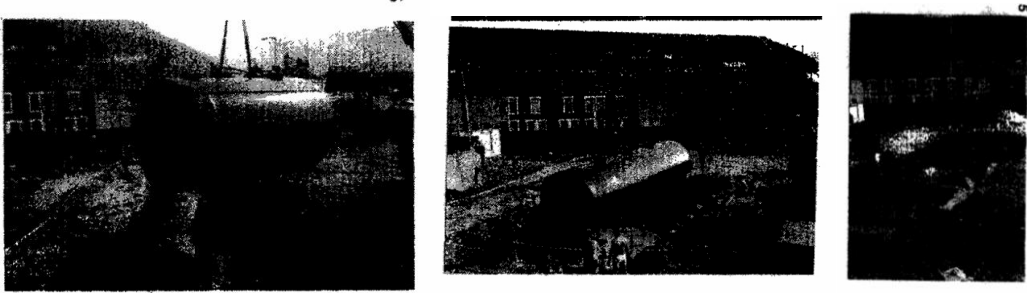


AFAN WAY, PORT TALBOT TIMELINE

Report/Source	Date	Comments
Ecologia PFS Investigation	2002	PFS active at time of investigation. Only exploratory hole logs, hole plan and testing results available. A good coverage was achieved around the perimeter of PFS area. High BTEX and TPH in soil samples from E2 and E4. BTEX were below detection limits in groundwater from Made Ground and alluvium. MTBE plume in perched groundwater of between 21ug/l and 37ug/l were present in two of the wells (E1 and E6). Results show 50% of possible free product was TPH and contained BTEX and MTBE. E6 no alluvium/clay layer.
Ground Investigation Ltd Phase 2 Investigation	2004	Investigated wider site but focused on PFS which was not in use but still present during works. NAPL in E4 highly localised and acting as a sump in alluvium. MTBE plume in PFS in BH4 and E3 in western side of PFS of between 167ug/l and 210ug/l. Proposed LNAPL removal and bioremediation in additional wells. USTs are exposed, filled with RG22 and excavated. 
Google Earth Imagery	2006	Evidence of demolition of PFS, USTs indicated to be removed as pictured above. 
Ground Investigation Ltd PFS Validation Report	2006	USTs in PFS area removed and validated. This is conflicting information as images from 2004 investigation show USTs already removed.
Ground Investigation Ltd Controlled Waters Assessment (DQRA)	2007	All response zones are cross strata boundaries between alluvium (clay with silt/sand lenses) and gravel. Exceedances of L3 RTVs for BTEX and Zinc in groundwater. The elevations are associated with perched groundwater and cross contamination and are not representative. Recommended remediation of Groundwater in aquifer and alluvium. There is no indication as to whether remediation has been undertaken.
Ground Investigation Ltd Tar Tank Validation Report	2007	Comprehensive coverage of tar tank in council yard area in west of site. Confirmed groundwater flow to south east (towards River Afan). One heavy fraction hydrocarbon elevated concentration in groundwater based on current EQS. Confirmed source is tar tank product.

			Recommended removal of tar tank.
Ground Investigation Ltd Council Yard UST Validation Report	2007		Two USTs in council depot yard. Tank 1 removed (by others) in 2007 but retrospectively validated. Tank 2 removed and validated.
-	2007/2008		Steel Frame Constructed as part of Dovey Group Development (Unit 4 to 6). Foundation type indicated to be piles. Assumed time of stop notice being received due to recommencement conditions not being discharged.
Lee Remediation Report	2008		Identified possible diesel plume in north and gasoline in south of PFS, however response zones crossed from alluvium to aquifer gravel. The plumes are highly localised to specific E1 and E3/E4 respectively. In BHE1 where possible diesel was noted - groundwater was in alluvium. In BHE4 where possible gasoline source was noted - groundwater was at base of alluvium. Likely the impaction is contained above the alluvium clay. Groundwater in deeper wells in Groundtech investigation show no impaction when response zones target sand and gravel sealing off the Made Ground in accordance with EA Guidance. Recommended NAPL removal and soils above below 5,000mg/kg TPHs.
-	-		Free phase/BHE4 possibly removed. No records over 7 year period.
ESP Ground Investigation	2015		Recommended significant further work prior to remediation based on findings of previous work.
Quantum Supplementary Revised Ground Investigation	2016	QBH02 and QBH04 only wells solely targeting aquifer - no elevated speciated hydrocarbons (all below LoD) confirming findings aquifer not significantly impacted.	High total TPH recorded in perched groundwater in Made Ground. Recommended hydrocarbon remedial works in groundwater and soils.
Arcadis Options Appraisal & Remediation Strategy	2016		Recommended site wide remediation of soils consisting of dig and dump based on previous investigation results. Recommended watching brief during works.
Arcadis Factual Ground Investigation	2018	ABH02 and ABH04 only wells solely targeting aquifer - no elevated speciated hydrocarbons (all below LoD) confirming findings of deeper aquifer not being impacted.	Pockets of LNAPL present associated with PFS and to south west - all are encountered in alluvium silt/sand pockets and surface to clay locally. Arcadis state Quantum findings are a False Positive.
Google Earth and Streetview	-		No change from 2018 to 2021
-	2021		Steel Frame Removed. No other significant changes.
Groundtech Consulting	2021 onwards	Findings identified contamination in Made Ground that can be managed during the enabling works in accordance with the remediation specification.	Groundtech Consulting have since produced several reports for several phases of work since 2021. Targeted testing of the groundwater in the gravels in seven locations and has not found impaction.