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# Quality Assuring LANDMAP Historic Landscape Monitoring – Change Detection

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Trysor

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Report No 181

## About Natural Resources Wales

Natural Resources Wales is the organisation responsible for the work carried out by the three former organisations, the Countryside Council for Wales, Environment Agency Wales and Forestry Commission Wales. It is also responsible for some functions previously undertaken by Welsh Government.

Our purpose is to ensure that the natural resources of Wales are sustainably maintained, used and enhanced, now and in the future.

We work for the communities of Wales to protect people and their homes as much as possible from environmental incidents like flooding and pollution. We provide opportunities for people to learn, use and benefit from Wales' natural resources.

We work to support Wales' economy by enabling the sustainable use of natural resources to support jobs and enterprise. We help businesses and developers to understand and consider environmental limits when they make important decisions.

We work to maintain and improve the quality of the environment for everyone and we work towards making the environment and our natural resources more resilient to climate change and other pressures.

## Evidence at Natural Resources Wales

Natural Resources Wales is an evidence based organisation. We seek to ensure that our strategy, decisions, operations and advice to Welsh Government and others are underpinned by sound and quality-assured evidence. We recognise that it is critically important to have a good understanding of our changing environment.

We will realise this vision by:

- Maintaining and developing the technical specialist skills of our staff;
- Securing our data and information;
- Having a well resourced proactive programme of evidence work;
- Continuing to review and add to our evidence to ensure it is fit for the challenges facing us; and
- Communicating our evidence in an open and transparent way.

This Evidence Report series serves as a record of work carried out or commissioned by Natural Resources Wales. It also helps us to share and promote use of our evidence by others and develop future collaborations. However, the views and recommendations presented in this report are not necessarily those of NRW and should, therefore, not be attributed to NRW.

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Contractor: Trysor  
Contract Manager: Jenny Hall  
Title: Quality Assuring LANDMAP Historic Landscape Monitoring –  
Change Detection  
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## Appendix A: Quality Assurance Form

Based on the MapInfo Table supplied by the WATs on 7<sup>th</sup> March, 2017, entitled **nrw\_landmap\_hl\_areas\_REVISED\_SORTED**, sent by the WATs by email at 15.11, with reference to the original Trysor QA report, entitled **NRW Evidence Report 181**, dated 27<sup>th</sup> February, 2017. This latter document had been annotated with comments from Jill Bullen, NRW and the WATs and the annotated version had also been sent to Trysor by the WATs on 7<sup>th</sup> March, 2017 at 15.11.

The WATs key summary change report, entitled **Wales LANDMAP Historic Landscape Monitoring Report** and sent by email on 7<sup>th</sup> March, 2017 at 9.49. has also been used to inform this round of QA, as well as an Microsoft Excel spreadsheet **LANDMAP\_change\_monitoring\_all\_Wales\_08-03-2017\_sorted** sent by email by the WATs on 8<sup>th</sup> March, 2017 at 15.44.

<b>Monitoring area(s)/local planning authority(ies)</b>	Caerphilly, Bridgend, Rhondda Cynon Taff, Blaenau Gwent, Merthyr Tydfil and Torfaen, Monmouthshire, Cardiff, Vale of Glamorgan, Newport, Carmarthenshire (including Brecon Beacons National Park that is within Carmarthenshire), Swansea, Neath Port Talbot, Pembrokeshire, Pembrokeshire Coast National Park, Ceredigion Powys (including Brecon Beacons National Park that is within Brecknockshire), Wrexham, Denbighshire, Flintshire, Conwy, Gwynedd, Snowdonia National Park, Ynys Mon
<b>LANDMAP Layer</b>	Historic Landscape
<b>Date</b>	February 2017
<b>Project Manager</b>	Jill Bullen, NRW
<b>Local Authority Contact(s)</b>	Contacts made through Project Manager
<b>Quality Assurance Assessor</b>	Trysor
<b>Historic Landscape Specialist(s)</b>	CONSORTIUM OF THE 4 WELSH ARCHAEOLOGICAL TRUSTS: Clwyd-Powys Archaeological Trust Ltd, Dyfed Archaeological Trust Ltd, Glamorgan-Gwent Archaeological Trust Ltd and Gwynedd Archaeological Trust Ltd  Lead body and contact: K Murphy of Dyfed Archaeological Trust k.murphy@dyfedarchaeology.org.uk

<b>Quality Assurance Conclusion</b> (based on sample of 10% surveys & GIS or as specified).		
<b>The LANDMAP information submitted has been: (tick which applies)</b>	<b>GIS file</b>	<b>Surveys</b>
All proposed changes are assured for accuracy, consistency and compliance	<b>X</b>	<b>X</b>
<b>The majority of changes are approved</b> , some parts or surveys require further consideration		
<b>Not Assured</b> and requires improving as per recommendations		

## LANDMAP Quality Assurance: quality, accuracy, consistency and transparency

<b>Identifying the baseline of change</b>	
Specialists study maps and resources, information provided from the participating local authorities and sources specialists access themselves. Using these combined information resources the <b>summary monitoring table</b> is completed, recommending what amendments are required in terms of impact on LANDMAP Aspect Area boundaries, classification, evaluation and description. Aspect Areas where significant landscape change is anticipated are reported.	
The Monitoring Table identifies the evidence for change in the following columns:	YES/NO (Comment if No)
1. Aspect Area UID and aspect area name	Yes
2. Change indicated using Mega change map & Master map analysis	Yes
3. Change indicated by Complexity Maps (Segment Density)	Yes
4. Change indicated by local authority questionnaire	Yes
5. Change indicated by existing LANDMAP monitoring studies (Visual & Habitats)	Yes
6. Change indicated from HER	Yes
7. Change indicated from additional sources (including consistency workshop and WAT resources)	Yes
8. Detail any recommended LANDMAP GIS amendment.	Yes
9. Detail any recommended LANDMAP survey amendment	Yes
- The Monitoring Table clearly prescribes what changes should be implemented - classification, evaluation, description with sufficient detail to implement the change	Yes
- Recommended classification amendments are appropriate at Level 1, 2 and 3 (4 if defined) and are justifiable at boundaries	Yes
- Recommended evaluation amendments are consistent in the regional and national context and are justifiable at boundaries	Yes
The monitoring tables and the list of aspect areas to update/not update are compatible	Yes
Record the aspect areas sampled	
See i4 below for more detail.	
<p><b>DAT:</b> CRDGNHL075; CRDGNHL237; CRMRTL39513; CRMRTL40190; CRMTHL40345; CRMRTL42454; PMBRKHL43899; PMBRKHL43920; PMBRKHL46103; PMBRKHL46167.</p> <p><b>CPAT:</b> BRCKNHL132; BRCKNHL270; CNWHL082; DNBGHHL041; FLNTHL636; FLNTHL850; MNTGMHL827; MNTGMHL952; RDNRHL914; WRXHMHL19.</p> <p><b>GAT:</b> CNWHL034; CNWHL065; GWNDDHL242; GWNDDHL424; GWNDDHL600; SNPHL037; SNPHL044; SNPHL151; YNSMNL055; YNSMNL066.</p> <p><b>GGAT:</b> BLNGWHL013; CRDFFHL019; CynonHL818; MNMTHHL024; MRTHRHL015; NPTH065; NWPTHL022; SWNSHL307; TRFNHL018; VLFGL052.</p>	
	YES/NO
A short summary report provides an overview of key changes and influences	Yes
The report is appropriately formatted, well written and includes the report number	Yes
The detailed report was sent to the relevant. Any modifications and feedback from local planning authorities was reviewed and included	Yes

<b>Updating LANDMAP</b>	
This stage implements the approved amendments by updating the appropriate survey records and GIS as detailed in the monitoring table recommendations.	
	YES/NO
Selected survey records demonstrate satisfactory completion of the monitoring section questions for Aspect Areas that are not changing (Questions 1, 1a, 1b)	<i>N/A for this contract</i>
Selected survey records demonstrate satisfactory completion of the monitoring section questions for changed Aspect Areas.	<i>N/A for this contract</i>
Selected survey records demonstrate accurate implementation and justification of the recommendation for changed Aspect Area.	<i>N/A for this contract</i>
The quality of the digitised GIS map is acceptable (no slivers/intersections/dangling nodes)	<b>Yes</b>
Boundary checks on aspect areas are as intended and new aspect areas have polygons in the GIS layer	<b>Yes</b>
GIS boundary amendments follow features, contours or other specified criteria, are logical across authority/study boundaries and are justified in the survey	<b>Yes</b>
All Aspect Area polygons link to the Survey files	<i>N/A for this contract</i>

***i. Quality Assurance Recommendations***

Detail clearly the Quality Assurance recommendations that require addressing to achieve accuracy, consistency and compliance with the current LANDMAP methodology and monitoring methodology. For specific survey and polygon amendments reference using the Unique Identifier (UiD) and Aspect Area name. Justify all actions required.

**i1. Integrity of GIS polygons**

**23/02/2017**

Rapid checking of amended polygons for slivers, detached polygons, additional, dangling nodes etc. Checking that County Council boundaries respected.

The NGR of noted problems are given in the tables below, with additional comments where needed. Those lines coloured in are from the previous list of problems and either haven't been addressed yet, or needed more information.

Pre-existing issues before Monitoring Change contract such as spikes and lines have not been documented so long as the layer is seamless.

**03/03/2017**

The list below was sent to the WATs for the necessary corrections to be made. The revised polygons were received back from the WATs as one GIS layer sent on 7<sup>th</sup> March 2017. The revised polygons were checked against the list and found to satisfactory. Some issues remained unresolved, however. Those highlighted in green in the following table were pre-existing errors which could not be resolved under this Monitoring Change contract but will be edited in future. Those highlighted in blue are outstanding errors which Trysor have agreed to edit during the Updating contract.



Table 1. List of issues relating to polygon boundaries (slivers, extra nodes etc)

**GAT:**

NGR	Comment
SH3305888843	Two spikes -
SH9208635999	At the north end of SNPHL865 and south of SNPHL213 – small rectangular blank polygon
SN7426013440	Detached polygon labelled as part of GWNDHL472 but the grid-reference places it at the village of Cefnbrynbrain in northeastern Carmarthenshire. This is pre-existing issue which cannot be resolved by the WATs under this contract. GAT have deleted the polygon from their GIS layer however, and the area does not now have a replacement polygon as a result.
SN7517012370	Detached polygon labelled as part of GWNDHL472 but the grid-reference places it at the village of Ystradowen in northeastern Carmarthenshire. This is pre-existing issue which cannot be resolved by the WATs under this contract. GAT have deleted the polygon from their GIS layer however, and the area does not now have a replacement polygon as a result.

**CPAT:**

<b>NGR</b>	<b>Comment</b>
SH9545477616	CNWHL075 and CNWHL053 – line, extra node
SJ2986764444	FLNTHL636 and FLNTHL846 – line, extra node
SJ1297325621	MTGMHL140 and MTGMHL
SO0972990351	MNTGMHL427 and MNTGMHL805 – awkward boundary but there is no overlap or sliver.
SO1162492225	MNTGMHL427 and MNTGMHL805 – silly nodes where an old boundary has not been fully deleted. Not resolved.
SO0957191464	MNTGMHL427 and MNTGMHL805 – silly nodes on a new boundary. Not resolved.
SO2756694010	Line extending into MNTGMHL981
SN8484552268	Line into BRCKNHL147 from BRCKNHL969
SO0379950666	BRCKNHL849 and BRCKNHL847
SO2278141829	BRCKNHL846 and BRCKNHL687
SO1523334177	2 issues at this point. BRCKNHL846 and BRCKNHL687. Not resolved.
SO2480438222	BRCKNHL485 and BRCKNHL642
SJ3437963173	FLNTHL766 and FLNTHL745

**DAT:**

<b>NGR</b>	<b>Comment</b>
SN1145215234	Sliver
SN1145715203	Overlap
SN8040078500	
SN1845546066	
SN1885046019	A sliver noted at SN1874346031
SN1773746719	
SN4033042107	Four issues
SN4028341826	
SN4073741812	
SN5678248109	
SN4083840077	
SN1277807531	
SN1145215234	
SN3840919652	
SN5471200439	
SN5476500377	
SN5487500350	
SN6164116105	
SN6177016326	
SN6191016297	
SN6172117027	
SN6178917115	
SN4182118843	

**GGAT:**

<b>NGR</b>	<b>Comment</b>
SS9264881044	
SS8540083900	CynonHL818 crosses county boundary at the west end into NPT, needs to be new aspect area for the NPT part. <i>Not to be resolved under this Monitoring Change contract by agreement with NRW.</i>
SO1143010080	BLNGWHL013 crosses county boundary into Cynon. Create new aspect area for part in Cynon and currently part of Cynon HL8. <i>Not to be resolved under this Monitoring Change contract by agreement with NRW.</i>

## **i2. List of new aspect areas to be created**

The monitoring change tables indicate the following number of new aspect areas to be created following recommendations from the four WATs;

GAT	1
CPAT	1
DAT	1
GGAT	11

On the 17<sup>th</sup> of February, 2017, NRW supplied new UIDs for a total of 9 new aspect areas across Wales. The table was circulated to Trysor and the four WATs and showed new aspect areas which had been given their UIDs.

On the 2<sup>nd</sup> of March, 2017, NRW supplied a second list of 4 new aspect areas for which UIDs had been created. One other new aspect area, listed in the monitoring change table but not in the aforementioned email lists, was added to the following table by Trysor. This gives a total of 14 new aspect areas with new UIDs.

It was noted that BLNGWHL310 Bedwellty Park was not listed in Table 2 of the WATs LANDMAP Historic Landscape Monitoring Report. NRW were informed of this to request that the relevant report was amended.

Table 2. List of new aspect areas to be created

Identifier	Name	LA	Class 1	Class 2	Class 3	Class 4
CRDGNHL255	Capel Dewi	Ceredigion	Rural Environment	Agriculture	Irregular Fieldscales	
BLNGWHL046	Cefn Bach	Blaenau Gwent	Rural Environment	Non agricultural	Reclaimed land	Other reclaimed land (former opencast mine)
CynonHL002	Hirwaun common South	Rhondda Cynon Taff	Rural Environment	Non agricultural	Marginal land	Other marginal land (relict fieldscape reverting back to moorland)
CynonHL003	Penderyn relict fieldscape	Rhondda Cynon Taff	Rural Environment	Non agricultural	Marginal land	Other marginal land (relict fieldscape reverting back to moorland)
CynonHL004	Pen-y-fan Industrial Estate	Rhondda Cynon Taff	Built environment	Industrial	Processing/ Manufacturing	
CynonHL005	Cefn y Brithdir	Caerphilly	Rural Environment	Non agricultural	Marginal land	
CynonHL006	Penmoelallt	Rhondda Cynon Taff	Rural Environment	Non agricultural	Woodland	
SNPHL001	Enclosed Uplands Irregular Fieldscape	SNP	Rural Environment	Agriculture	Irregular Fieldscape	
RDNRH001	Norton	Powys (Radnor)	Rural Environment	Agriculture	Regular fieldscales	
SWNSHL001	Swansea Airport	Swansea	Built Environment	Other built environment	Communications	Airfield (including infrastructure)
CynonHL007	Cwmcarn forestry	Caerphilly	Rural Environment	Non agricultural	Woodland	
NPTH004	Blaengwrach opencast	NPT	Built Environment	Industrial	Extractive	Coal Mining
CRDFFHL031	Cardiff Airport	VoG	Built Environment	Other built environment	Communications	Airfield (including infrastructure)
BLNGWHL310	Bedwellty Park	Blaenau Gwent	Built Environment	Other built environment	Designed	Urban Park/Public Space

### i3. Checking of 20 GIS boundary changes

Five boundary changes per WAT have been randomly selected and checked as noted in the relevant Monitoring Change table.

Table 3. List of sampled boundary changed per WAT area

UID	Name	Comments
<b>GAT</b>		
YNSMHL043	Fieldscape, Eastern Môn	Both minor subtractions from this aspect area are correct and visible on APs.
GWNDDHL016	Coastal Flats around Glanllynnau	Subtraction of a small area, moved into 016, is correct.
GWNDDHL119	Llugwy Southern Slopes	Subtraction of narrow strip due to garden extensions into wooded area. Correct.
GWNDDHL783	Fieldscape around Chwilog	Subtraction of land from fieldscape due to settlement growth at Chwilog. Correct.
CNWHL088	Deganwy & Llandudno Junction	Addition of a small area due to development. Correct.
<b>CPAT</b>		
BRCKNHL124	Ystradgynlais/Abercraf	Nine CPAT recommendations are correct.
CNWHL085	Towyn & Kinmael Bay	All four additions recommended are correct.
FLNTHL731	Halkyn	Recommendation for a subtraction from this area due to a housing development is correct.
MNTGMHL559	Allt Fawr	Four areas to be subtracted due to development. Correct.
RDNRHL256	Bachawy	A small area to be subtracted on archaeological grounds. Correct.
<b>DAT</b>		
CRMRTHL40238	Llangadog	Several additions are to be made to the polygon. Correct.
CRMRTHL40218	Abergwili	Extension to settlement and addition of whole of garden at Bishops Palace. Correct.
PMBRKHL46056	The Havens	This addition of an area due to housing development is correct.
PMBRKHL46174	St. Florence	The addition of these new developments at St. Florence is correct.
CRDGNHL008	Newquay	The addition of a new housing development is correct.
<b>GGAT</b>		
BLNGWHL034	HAA 34 Cwmtillery	The subtraction of a developed area from this aspect area is correct.
NPTHL026	Afan Wallia	The polygon boundary has been amended to take account of the expansion of Blaengwrach Opencast. Correct.
MRTHRHL010	Graweth	Proposal to bring non-opencast areas into one polygon. Correct.
VLFGLHL030	Porthkerry Rural	The subtraction for the extension of quarrying activity is correct.
CynonHL660	Blackwood and the Sirhowy Valley	Proposal to subtract an area which has now been developed for use as an industrial estate is correct.

## i4 & i5. Comments on Select QA forms

i4 required that a random selection of 10 amended aspect areas per WAT region, reflecting a spread of Local Authority areas, were sampled as part of the QA process. I

i5 required that a more detailed interrogation was undertaken of 2 amended aspect areas per WAT region.

Due to the range of issues presented in the initial WAT submission, Trysor combined i4 and i5 and treated all 40 i4 amended aspect areas to the level required by i5.

Table 4 below includes the original comments sent by Trysor to the WATs. The italicised text highlights whether the points raised were actioned or not by the WATs. Where an issue remained unresolved, Trysor will review the relevant aspect area during the Updating contract and seek to find a resolution.

Table 4. List of 40 amended aspect areas selected for checking

GAT		
UID	Name	Comment
CNWHL034	Llidiart Fadog	<p>GAT Recommendation:</p> <p>“Update HL4 Surf Snowdonia leisure complex now occupies site of former aluminium works.” Update HL23 “moderate”.</p> <p>Trysor Comments (<i>not actioned in the Monitoring Change Contract</i>);</p> <p>a) Source of information not given.</p> <p>b) A major new leisure facility has replaced an historic factory complex. Other historic patterns i.e.HL5 need to change.</p>
CNWHL065	Llandudno	<p>GAT Recommendation:</p> <p>“Minor settlement expansion into 057” &amp; “Boundary revision with 057”. “Update HL25 as ‘Constant’.”</p> <p>Trysor Comments (<i>not actioned in the Monitoring Change Contract</i>);</p> <p>a) Source of information not given.</p>



GWNDDHL242	Upper slopes of Moelwyn	<p>GAT Recommendation:</p> <p>“Update HL25 to ‘Constant’; Update HL20 to ‘No’; Update HL4 ‘Parts of this aspect area are included within the proposed slate industry of North Wales WHS.’</p> <p>Trysor Comments (<i>not actioned in the Monitoring Change Contract</i>);</p> <p>a) Sources not given.</p> <p>b) HER input not detailed.</p> <p>C) Additional sources not mentioned. A considerable body of new records created in the NMR by Upland Initiative Survey is available and deepens and changes our understanding of this aspect area.</p>
GWNDDHL424	Lleuar	<p>GAT Recommendation:</p> <p>“Boundary revision with 809.”</p> <p>“Update HL25 to ‘Constant’”</p> <p>Trysor Comments (<i>not actioned in the Monitoring Change Contract</i>);</p> <p>a) Source of information not given.</p>
GWNDDHL600	Cilfechydd/Cyrnant	<p>GAT Recommendation:</p> <p>“Update HL17 ‘Yes’”</p> <p>Trysor Comments (actioned in the Monitoring Change Contract);</p> <p>a) Part of SAM runs into adjacent area GWNDDHL346 and ideally a boundary change should be made to keep the SAM within one aspect area.</p> <p>Trysor Comments (<i>not actioned in the Monitoring Change Contract</i>);</p> <p>a) Source of information not given.</p> <p>b) HER input not detailed.</p> <p>c) The Summary Description should ideally mention the SAM (an enclosure and field system) within the area.</p>

SNPHL037	Dolgellau	<p>GAT Recommendation:</p> <p>“Boundary revision with 195.”</p> <p>“Update HL15 ‘GAT Report 537’.</p> <p>Trysor Comments (<i>not actioned in the Monitoring Change Contract</i>);</p> <p>a) Source of information not given.</p> <p>b) Give full title of GAT Report</p>
SNPHL044	Gwydir Forest	<p>GAT Recommendation:</p> <p>“Boundary revision with 054”.</p> <p>“Add to HL27 ‘Also managed by the Carneddau Landscape Partnership from November 2016 onwards.”</p> <p>Trysor Comments (<i>not actioned in the Monitoring Change Contract</i>);</p> <p>a) Source of information not given.</p>
SNPHL151	Gellilydan Cydnerth	<p>GAT Recommendation:</p> <p>“Update HL15 ‘GAT Report 492’</p> <p>“Boundary revision with 161.”</p> <p>Trysor Comments (<i>not actioned in the Monitoring Change Contract</i>);</p> <p>a) Source of information not given.</p> <p>b) HER input not detailed.</p> <p>c) The evaluation currently does not mention the scheduled prehistoric hut circle settlement, with field system. Nor does it mention the Roman road from Tomen y Mur which runs past Gellilydan, recorded on the HER.</p>

YNSMNHL055	Wylfa	<p>GAT Recommendation:</p> <p>“Amend HL4 to say Wylfa ceased generating activity in December 2015. There are plans to build a second power station at the site and in 056 to the south.”</p> <p>Trysor Comments (<i>not actioned in the Monitoring Change Contract</i>);</p> <p>a) The Descriptions overlook the importance of Military Archaeology and Modern archaeology, although the Chain Home Radar Station is mentioned in the Summary Description.</p>
YNSMNHL066		<p>GAT Recommendation:</p> <p>“Boundary revision with YNSMNHL016.”</p> <p>Trysor Comments (<i>not actioned in the Monitoring Change Contract</i>);</p> <p>a) Source of information not given.</p>

CPAT		
UID	Name	Comment
BRCKNHL132	Tir y Gof	<p>CPAT Recommendation:</p> <p>“This is an area of restored (afforested) open cast mining from the 1960s. The whole area should be treated as one of former mining and forestry.”</p> <p>Trysor Comments (<i>actioned in the Monitoring Change Contract</i>);</p> <p>a) Detailed source of information not given. <i>Explained by CPAT.</i></p>
BRCKNHL270	Talybont Reservoir	<p>CPAT Recommendation:</p> <p>“Add to area BRCKNHL270.”</p> <p>Trysor Comments (<i>not actioned in the Monitoring Change Contract</i>);</p> <p>a) It is not specified what needs to be added.</p>
CNWHL082	Mynydd y Gyrt	<p>CPAT Recommendation:</p> <p>“Area to be replaced in CNWHL082 and added to CNWHL018.”</p> <p>Trysor Comments:</p> <p>a) <i>Amendment correct.</i></p>
DNBGHHL041	No name	<p>CPAT Recommendation:</p> <p>“Add mention of Registered Park and Garden.”</p> <p>Trysor Comments (<i>actioned in the Monitoring Change Contract</i>);</p> <p>a) Not clear where mention of Park &amp; Garden is required</p>
FLNTHL636	Padeswood	<p>CPAT Recommendation:</p> <p>“Replace 6 areas in FLNTHL636”</p> <p>“Area has golf course – should ‘recreational’ be added to the description.”</p> <p>Trysor Comments (<i>actioned in the Monitoring Change Contract</i>);</p>

CPAT		
		a) Sources not specified.
FLNTHL850	Penbedw	<p>CPAT Recommendation:</p> <p>“Partly within the Vale of Clwyd, which has undergone HLC.”</p> <p>Trysor Comments (<i>not actioned in the Monitoring Change Contract</i>);</p> <p>a) Have not specified what is to be changed. We think that HL15 and HL22 need updating to show part of the area lies in a HLC.</p>
MNTGMHL827	Caersws	<p>CPAT Recommendation:</p> <p>“Add area of expansion to MNRGMHL827”</p> <p>“Add area within Argae to existing settlement MNTGMHL827.”</p> <p>“Development recorded in HER but not yet mapped.”</p> <p>Trysor Comments:</p> <p>a) Recommendations are correct.</p> <p>Trysor Comments (<i>not actioned in the Monitoring Change Contract</i>);</p> <p>a) We do not understand the comment that the “Development is recorded in the HER” – how so? Is there a source which needs including?</p>
MNTGMHL952	Lower Clywedog and Upper Severn	<p>CPAT Recommendation:</p> <p>“Replace three areas in MNTGMHL952”</p> <p>“Add mention of Conservation Area to MNTGMHL952.”</p> <p>Trysor Comments (<i>actioned in the Monitoring Change Contract</i>);</p> <p>a) Not clear why the Llanidloes Conservation Area is relevant to this aspect area. <i>Answered satisfactorily.</i></p>

CPAT		
RDNRHL914	Edw	<p>CPAT Recommendation:</p> <p>“Add to RDNRHL914 to encompass whole of Aberedw Castle.”</p> <p>“Add area of cultivated fields to RDNRHL914.”</p> <p>Trysor Comments (<i>not actioned in the Monitoring Change Contract</i>);</p> <p>a) The reciprocal entries in the monitoring change table for the two aspect areas from which land is to be subtracted have not been done.</p> <p>b) No recommendation has been made for LANDMAP survey text. However, the proposed boundary change at Aberedw Castle means that a survey amendment is required for RDNRHL874.</p>
WRXHMHL19	Wrexham Industrial Estate	<p>CPAT Recommendation:</p> <p>“The database is generally inadequate and needs revision.”</p> <p>Trysor Comments (<i>actioned in the Monitoring Change Contract</i>);</p> <p>a) Recommends that the database needs revision, but no specific information originally provided as to what that entails. <i>CPAT subsequently provided a clear explanation and withdrew comment.</i></p>

DAT		
UID	Name	Comment
CRDGNHL075	Teifi Rural	<p>DAT Recommendation:</p> <p>“Split Ceredigion 075 into two and create a new landscape area”.</p> <p>Trysor Comments (<i>actioned in the Monitoring Change Contract</i>);</p> <p>a) No detail provided with regard to justifying new boundaries or the content of the two resultant aspect areas. <i>Justified by DAT.</i></p>
CRDGNHL237	Llandysul	<p>DAT Recommendation:</p> <p>Add area of school and business park and part of bypass to area CRDGNHL237. Subtract from CRDGNHL_078</p> <p>Trysor Comments (<i>actioned in the Monitoring Change Contract</i>);</p> <p>a) The recommended addition does not include reference to significant prehistoric archaeology found in recent years during development of business park and school. <i>Explained by DAT.</i></p> <p>b) Perhaps the amendment should be reconsidered as the polygon will no longer define a “nucleated settlement”. Maybe a new aspect area would be more appropriate? <i>Explained by DAT.</i></p> <p>c) The GIS boundary does not appear justifiable south of the Groesffordd Business Park. It goes further south than the Business Park boundary. <i>Explained by DAT.</i></p>
CRMRTHL39513	Drefach a Tymbl	<p>DAT Recommendation:</p> <p>“Add housing to area CRMRTHL39513. Subtract from CRMRTHL_39506, CRMRTHL_39524 and CRMRTHL_39536”</p> <p>Trysor Comments:</p> <p>a) <i>Three areas suggested for GIS amendment correct.</i></p>

DAT		
CRMRTL40190	Pembrey & Burry Port	<p>DAT Recommendation:</p> <p>“Add area of development to area CRMRTL40190. Subtract from CRMRTL_39577 and 39559. Add area of housing etc to CRMRTL40190 and subtract from CRMRTL_39562.”</p> <p>Trysor Comments:</p> <p>a) <i>GIS amendments correct.</i></p>
CRMTHL40345	Afon Tâf	<p>DAT Recommendation:</p> <p>“Description: A modern bypass runs through the east end of this area.”</p> <p>Trysor Comments (<i>actioned in the Monitoring Change Contract</i>);</p> <p>a) An addition has been recommended to the Description but not to other fields (Trend, Integrity etc) which are affected by implication. <i>Explained by DAT.</i></p>
CRMRTL42454	Waunfawr	<p>DAT Recommendation:</p> <p>“Description: There are several individual wind turbines in this area.”</p> <p>Trysor Comments (<i>not actioned in the Monitoring Change Contract</i>);</p> <p>a) An addition has been recommended to the Description but not to other fields (Trend, Integrity etc) which are affected by implication.</p>
PMBRKHL43899	Burton & Scoveston	<p>DAT Recommendation: “Description: Small windfarm lies in this area, plus several individual turbines.”</p> <p>Trysor Comments (<i>not actioned in the Monitoring Change Contract</i>);</p> <p>a) No change suggested. It is evident that two areas would be subtracted however due to changes recommended for adjacent aspect areas PMBRKHL43876 and 43879. Note 43879 is mistakenly called 43789 in the monitoring table.</p> <p>b) An addition has been recommended to the Description but not to other fields (Trend, Integrity etc) which are affected by implication.</p>



DAT		
PMBRKHL43920	Rhoscrowther	<p>DAT Recommendation:</p> <p>“Description: Solar farm in this area, plus several individual turbines.”</p> <p>Trysor Comments (<i>not actioned in the Monitoring Change Contract</i>);</p> <p>a) An addition has been recommended to the Description but not to other fields (Trend, Integrity etc) which are affected by implication.</p>
PMBRKHL46103	Casmael	<p>DAT Recommendation:</p> <p>“Add area of housing to PMBRKHL46103 subtract from PMBRKHL46099.”</p> <p>Trysor Comments:</p> <p>a) <i>Amendment correct.</i></p>
PMBRKHL46167	Templeton	<p>DAT Recommendation:</p> <p>“Add area of housing to 46167 and subtract from 46166. Add area of housing to 46167 and subtract from 46166.”</p> <p>Trysor Comments (<i>not actioned in the Monitoring Change Contract</i>);</p> <p>a) However DAT have excavated a Bronze Age site in the village which should lead to amendments to the evaluation. Bronze Age should also be added into the dominant period list HL14. <i>Justified by DAT.</i></p>

GGAT		
UID	Name	Comment
BLNGWHL013	HAA 13 WAUNDEG INDUSTRIAL ESTATE	<p>GGAT Recommendation:</p> <p>“Area expanded to southwest to include expansion to industrial estate.”</p> <p>Trysor Comments (<i>not actioned in the Monitoring Change Contract</i>);</p> <p>a) Detail of source not given.</p> <p>b) The proposed expansion would cross a county boundary. A new aspect area should be created rather than expanding an existing aspect area. <i>Not to be amended after discussion with Jill Bullen.</i></p> <p>c) Name of aspect area is questioned. It is known as Tafarnaubach Industrial Estate but called Waundeg Industrial Estate by LANDMAP. <i>Original name retained.</i></p>
CRDFFHL019	Garth Woods & Quarries	<p>GGAT Recommendation:</p> <p>“Slight quarry extension to west.”</p> <p>Trysor Comments (<i>not actioned in the Monitoring Change Contract</i>);</p> <p>a) An amendment is suggested to HL40 but a specific recommendation is not made.</p>
CynonHL818	H22 Parc Slip Opencast	<p>GGAT Recommendation:</p> <p>“Area extended to west to include expansion of opencast.”</p> <p>“Update description to boundary change.”</p> <p>Trysor Comments (<i>actioned in the Monitoring Change Contract</i>);</p> <p>a) The recommended extension would cross the county boundary and intrude into NPT. A new aspect area should be created for the part of the mine which lies in NPT as it is a significant landscape feature. <i>Not to be amended as part of the Monitoring Change contract</i>).</p>

GGAT		
MNMTHHL024	Modern Monmouth	<p>GGAT Recommendation:</p> <p>“Addition of Registered Park and Garden”.</p> <p>Trysor Comments (<i>actioned in the Monitoring Change Contract</i>);</p> <p>a) It is recommended that HL19 is amended but no mention is made of which Park &amp; Garden is referred to. We do not believe that there is a Park &amp; Garden within the area, just the essential setting of one. <i>Answered by GGAT.</i></p> <p>b) No other change suggested. However the HER records and event record (E004524) for a watching brief associated with a housing development outside the aspect area boundary (at SO49360 13300) – this development is complete and should be added to this aspect area. <i>Actioned by GGAT.</i></p>
MRTHRHL015	Gelligaer Common West	<p>GGAT Recommendation:</p> <p>“Feedback Observations Trysor”.</p> <p>“Update to descriptive text for HL5 and HL34.”</p> <p>Trysor Comments (<i>actioned in the Monitoring Change Contract</i>);</p> <p>a) No details provided as to what update is required for HL5 and HL34. <i>Answered by GGAT.</i></p>
NPThL065	Gelli Onnen	<p>GGAT Recommendation:</p> <p>“Some degradation possibly due to offroading activities or mountain biking? Mark trend as declining.”</p> <p>Trysor Comments (<i>not actioned in the Monitoring Change Contract</i>);</p> <p>a) HL25 to be amended.</p>

GGAT		
NWPThL022	East Usk and Llanwern Industrial Estate	<p>GGAT Recommendation:</p> <p>Update description and evaluation. The industrial character of this area is nearly destroyed. Significant clearance works have been undertaken to the Llanwern Steelworks and residential development has started in the Western area. May require a separate area or change classification of this main area. Trend for the industrial component for this area is declining – although some buildings remain. The potential for below ground archaeology still remains however, there is little surviving of the historic landscape and the 19th/20th century historic landscape is disappearing due to change of use. Update description to reflect this. Area is now largely a manufacturing/processing character.</p> <p>Trysor Comments:</p> <p>a) Update description and evaluation. <i>Correct.</i></p>
SWNSHL307	Swansea	<p>GGAT Recommendation:</p> <p>“Area of industrial estate and housing north of Llansamlet added from SWNSHL413.”</p> <p>“Update the description to reflect the boundary change.”</p> <p>Trysor Comments (<i>not actioned in the Monitoring Change Contract</i>);</p> <p>a) Swansea only has a Class 1 Level 1 classification and there is a clear need for complex changes, including additions and subdivisions.</p>
TRFNHL018	Glyntrosnant and Hafod-yr-unos	<p>GGAT Recommendation:</p> <p>“Edit description to mention forestry plantation or put forestry as a separate area?”</p> <p>Trysor Comments (<i>actioned in the Monitoring Change Contract</i>);</p> <p>a) A suggestion for amendment has been made but no firm recommendation has been proposed. <i>Now corrected.</i></p>

GGAT		
VLFGHL052	Llysworney & Llandow	<p>GGAT Recommendation:</p> <p>“Description - add information relating to latest nationally significant Bronze Age archaeology discovered near St Athan. Update rarity to high as only known example of middle-late Bronze Age flat cemetery in the region and one of only two in Wales.”</p> <p>Trysor Comments (<i>not actioned in the Monitoring Change Contract</i>);</p> <p>a) No specific source given.</p> <p>b) There is insufficient detail regarding the Bronze Age finds, which aren't recorded in the HER yet. (Bronze Age should also be added into the dominant period list HL14).</p>

## **i6. LANDMAP Consistency Workshop**

Eight aspect areas from a list of 20 which had been identified at the Consistency Workshop held in 2011 as requiring amendments or consideration for amendments, were monitored to establish whether the recommendations made at the Consistency Workshop had been adopted or considered.

It was found that all eight aspect areas included references to the recommendations made at the Consistency Workshop.

The eight aspect areas were;

WRXHMHL008

SNPHL052

CNWHL034

RDNRHL997

MNTGMHL503

WRXHMHL041

SNPHL574

NWPRTHL010

## **i7. List of Unique Identifiers to be updated**

It is required that monitoring checks that eight aspect area included in the List of Unique Identifiers area also included in the Summary Monitoring Change Table.

The first eight were randomly selected from the List of Unique Identifiers:

SNPHL162 is in both tables  
CRDGNHL082 is in both tables  
FLNTHL825 is in both tables  
GWNDHHL456 is in both tables  
PMBRKHL42273 is in both tables  
CRMRTN42457 is in both tables  
VLFGLHL013 is in both tables  
FLNTHL581 is in both tables

The second group of eight were randomly selected from the Summary Monitoring Change Table:

CRDGNHL225 is in both tables  
YNSMNHL006 is in both tables  
RDNRHL121 is in both tables  
MNTGMHL115 is in both tables  
CNWHL020 is in both tables  
SNPHL216 is in both tables  
GWNDHHL687 is in both tables  
CynonHL336 is in both tables