



NOTICE TO SURVEYORS T6/2006

MISCELLANEOUS SURVEY AND PLAN ISSUES

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9. **E-lodgement of field books**
10. **Availability and procedure to search CSD files from DLI**

1. Bringing forward Section 27A TP&D Act easements and Section 12A TP&D Act notifications

The Town Planning and Development Act 1928 (TPDA) was repealed on 9 April 2006 and replaced by the Planning and Development Act 2005 (PDA).

Easements formerly created under section 27A of the TPDA may now be created under section 167 PDA, and notifications formerly created under section 12A of the TPDA may now be created under section 165 PDA.

The Registrar of Titles has recently received legal advice that is contrary to that adopted at the time DLI were transitioning across from the TPDA to the PDA.

The transitional provisions of the PDA did not mention section 27A easements or section 12A notifications and did not provide that references to those easements and notifications were to be replaced by references to section 167 easements or section 165 notifications.

Therefore, easements originally created under section 27A of the TPDA and notifications originally created under section 12A of the TPDA before the repeal of the TPDA should still be referred to in the same manner on plans, diagrams, certificates of title and so on, even if those plans, diagrams and certificates of title are replaced or superseded by new or amended versions. In other words, they should be described as Section 27A TPDA easements and Section 12A notifications.

From the date of this Notice the references on deposited and strata plans, particularly within the interests and notifications schedule, to Section 27A easements and Section 12A notifications must be made where they have been created before the repeal of the TPDA. They should not be changed to refer to section 167 or section 165 respectively of the PDA.

This notice supersedes any previous advice on this issue. An amended Interests and Notifications ready reference showing the correct form for bringing forward Section 27A easements and Section 12A notifications is attached.

2. Laneways - wording on subdivision conditional approval

There has been some confusion recently about planning conditions that refer to “rear laneways” as to whether they are to be dedicated roads or private or public rights of way (ROW). The laneways were sometimes specified to be a minimum of 6.001 metres in width because this was the restriction placed on dedication of roads under Section 295 (5) of the Local Government (Miscellaneous Provisions) Act 1960 (LG(MP)A). Since section 168 of the Planning and Development Act 2005 (which corresponds to certain repealed sections of the LG (MP) A) does not have a minimum width planning conditions will ordinarily specify whether the laneway is to be dedicated as a road or vested as a ROW.

Surveyors are also referred to Planning Bulletin 33 (July 1999), available from DPI at <http://www.wapc.wa.gov.au/Publications/186.aspx>, for more information about this matter.

Any further queries, or clarification on the intention of specific conditions, should be directed to the relevant planning officer at DPI.

3. Depicting encroachments on plans

The following new provisions concerning the depiction of encroachments on plans have been introduced after a series of consultative meetings between DLI and industry representatives.

If part of a building, wall or other significant improvement is built such that it crosses over the boundary between the subject land and an abutting lot, the encroachment must be recorded on the plan. Connections to buildings, walls and other types of significant improvements that are close to, but do not cross over, the boundary of the subject land may be recorded on the plan at the surveyor's discretion.

This paragraph is to be inserted into the Strata Titles Manual Chapter 12 Item 12.60 with respect to survey-strata plans, and added to Land Titles Registration Practice Manual Paragraph 6.3.1 immediately after the last paragraph on page 6-9 (begins with “Before a strata plan ...”) and the last sentence of that paragraph to be amended by deleting all the text after the word “erected”. The Survey and Plan Practice Manual Chapter 9 to be amended by adding the above text as new paragraph 9.315 titled “Encroachments, Building Connections” to sit between existing paragraphs 9.310 and 9.320.

Revised editions of these manuals are currently being prepared and will be available soon. DLI regrets the delay since advising of the revisions in Notice to Surveyors T5/2006 dated 7 July 2006. They will be available on the DLI web site at <http://www.dli.wa.gov.au/corporate.nsf/web/Publications>.

4. Street Addresses in CSD files

A Property Street Address (PSA) consists essentially of a house or lot number, a road name and a locality. CSD files contain fields for the first two of these attributes for each polygon. The locality is predetermined by SmartPlan.

DLI is responsible for ensuring that there is a PSA for all relevant properties in WA, and there are procedures in place for DLI to approve road names and to allocate house numbers when subdivisions occur.

The following new provisions concerning house numbering on new subdivisions by surveyors have been introduced after a series of consultative meetings between DLI and industry representatives. There is no proposed change to the current procedures for approving road names.

DLI have a maximum 20 working day turnaround from lodgement of each Deposited Plan (DP) for allocating house numbers and linking to the approved road name i.e. finalising the street address.

For surveyors who don't need or want house numbers before lodging the DP, there is no change to current procedures.

For surveyors who need or want house numbers before lodging the DP, there are two options:

Option 1. Allocate house numbers using the published procedures (currently being revised) and submit as a CSD file to DLI for validation in conjunction with approval of road names. After validation the street addresses can be used in any marketing schemes and then included in the CSD file when lodging the DP. This option is valid for all LG areas except Wanneroo, Stirling, Joondalup and Melville - in which cases the surveyor must make a request for house numbers direct to the LG. DLI will be available for advice in problematic cases.

Option 2. Request DLI to allocate house numbers. This can be done at the same time as approval of road names and DLI will respond quickly to such a request. Include the street addresses in the CSD file when lodging the DP.

DLI will make a presentation to the SSI-WA Land Commission CPD event on 31 August concerning this and the following other matters:

- Re-launch addressing procedure manuals
- Themes for road names in subdivisions
- Road naming guidelines
- Status of rural addressing.

For more information and for a copy of the guidelines visit www.dli.wa.gov.au Quick Links - Names and Addressing.

5. Re-fit to Midland Customer Service Hall to create One-Stop-Shop

A major re-fit to DLI's Midland customer service hall commencing on 8 September, means that customers will need attend just one service counter instead of several customised service points, to undertake all your land and property business.

DLI's customer service professionals are undergoing training to facilitate a seamless service and enable them to provide information on land titles, surveys, maps and aerial photography; receive lodged documents; register titles; and give advice on the titles process.

The revamped customer service hall, due for completion in December 2006, will have consulting work stations for customers with detailed requirements, a general consultation room, a conference room and new facilities for customers undertaking survey searches.

The works will require DLI to close-off some counter space and to help minimise inconvenience to visiting customers, details of proposed works and anticipated disruptions will be displayed near the information desk.

Customers will be advised of the changes and possible disruptions through leaflets, emails, web-site updates as well as regular consultation through, industry groups and our account managers.

For further information please contact Peter Ormond, Manager Customer Centre on 9273 7318.

6. Field Books, Crown Surveys and Key Sheets to Become More Accessible

Field books, Crown surveys and key sheets held on microfiche at Midland, are to become more accessible which must be good news to surveyors.

The information, which includes approximately 1.3 million images, is being scanned into a digital format.

Once the information has been digitised, customers will be able to carry out searches at their desk or in the field.

The work is expected to take around 12 to 18 months. In the meantime DLI will consult with the industry to determine suitable storage and access methods for the information.

Please contact Dione Bilick on 9273 7346 or email dione.bilick@dli.wa.gov.au to provide your feedback on this initiative.

7. Digital delivery of searches

DLI are currently running a pilot for the e-mail delivery of existing digitally held information. McMullen Nolan and Partners and Cottage & Engineering Surveys are currently testing the newly developed e-mail service with great success. The service is expected to be available to all Land Enquiry users from Thursday 31 August. When you order surveys, titles or documents through Land Enquiry, you can opt to have these delivered as PDFs to your default e-mail or enter an e-mail address. The PDF surveys are much easier to read than the fax versions, and can be saved for future reference.

Existing account holders will automatically get access to e-mail delivery when it is given general release on Thursday 31st August. It will appear as their default delivery option. Users can permanently set an e-mail address by ensuring that they add an e-mail address in Landgate – My Details section.

To arrange access to Land Enquiry, and e-mailed searches, please contact onlinesupport@dli.wa.gov.au.

8. Geodetic survey mark feedback

DLI wishes to thank all companies who continue to provide feedback on the status and condition of geodetic survey marks, for the benefit of all users of the State Geodetic Network. DLI would like to encourage more companies to support this initiative and is currently offering an incentive of a monthly prize of a \$100 Coles Myer Gift Card to be drawn from the feedback forms submitted. Details and forms are available on Landgate. To further recognise the contribution of industry surveyors to this initiative, GOLLA reports now have the reporting surveyor/company linked to the mark status

9. E-lodgement of field books

Surveyors are requested to include the field book number in the subject line of the e-mail when lodging pFBs and eFBs. This information will enhance the efficiency of DLI staff when determining if a specific field book has been lodged. Please refer to Appendix 6 of the Survey and Plan Practice Manual and the guidelines in the ePlan Kit on Landgate Survey Channel.

10. Availability and procedure to search CSD files from DLI

Extracts of the Spatial Cadastral Database (SCDB) from the lodged and integrated layers over any specified spatial extent are available in CSD format for \$82 + GST. This covers the cost of extraction with no charge for the data.

CSD files of specific DPs or survey-strata plans are also available for a flat fee of \$82 + GST. Generally only the latest CSD file submission (see figure 1) will be provided because it is the most reliable and in most cases it will include corrections to errors discovered in the lodged file during the plan audit.

DLI recommends that the lodged or integrated layer (as applicable) extract is the most reliable method of obtaining a CSD file that agrees with the relevant plan, and which also contains dimensions from subsequent abutting subdivisions.

It is important to be aware that plan CSD files come in a variety of coordinate systems. Watch for P (for plane coords), T (for Transverse Mercator (i.e. "real world" grid coords)), and G (for geographicals i.e. latitude and longitude) in record 1 (see figure 1). T coords will generally be most useful, and G coords are to be avoided unless you are sure the systems you are using can import the file properly. Generally CSD Editor users will not experience any problems, but WESCOM Capture can't import a geographical file.

When extracting data from the SCDB, it is always important to check the spatial accuracy of the points in the area of interest. Large parts of the State, including much of the metropolitan area, have not yet been spatially upgraded, and most surveys lodged before 1995 did not include digital data. Line dimensions in such areas may not reflect the latest survey information.

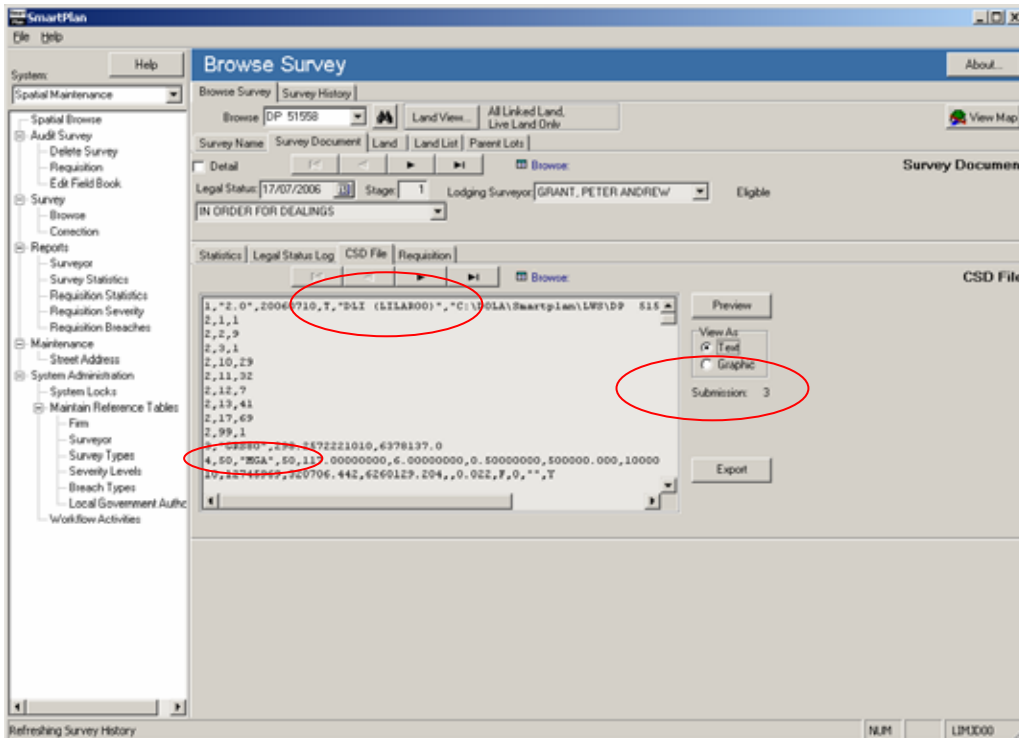


Figure 1 – Screen shot of SmartPlan Browse Survey CSD file information and functions

CSD files are to be ordered through Geospatial Data Delivery by using the standard Geospatial Data Request form.

For an SCDB extract from the lodged layer:

1. Specify the DP number in the " Area of Interest/Mapsheet " space,
2. Specify the PROJECTION required by ticking the appropriate box,
3. Tick the "Lodged Layer" box on the Cadastre Family line,
4. Tick the "CSD" box in the Cadastre Format line.

For an SCDB extract from the integrated layer (also called approved layer):

1. Specify the DP number in the " Area of Interest/Mapsheet " space,
2. Specify the PROJECTION required by ticking the appropriate box,
3. Tick the "Cadastral" box on the Cadastre Family line,
4. Tick the "CSD" box in the Cadastre Format line.

For a CSD file of a specific plan:

1. Specify the DP number in the " Area of Interest/Mapsheet " space,
2. Specify the PROJECTION required by ticking the appropriate box, and
3. State "CSD file export from SMP Browse Survey" in the Special Instructions line.

Surveyors are requested to advise DLI if they find any errors in the digital data with which they are supplied. DLI will provide a corrected CSD file at no extra charge.

**BARRY CRIBB
MANAGER LAND BOUNDARY SERVICES
INSPECTOR OF PLANS AND SURVEYS
ASSISTANT REGISTRAR OF TITLES
29 August 2006**

REFERENCE FOR INTERESTS AND NOTIFICATIONS BOX AS DEPICTED ON DEPOSITED PLANS

SUBJECT	PURPOSE	STATUTORY REFERENCE	ORIGIN (no brackets)	LAND BURDENED	BENEFIT TO (examples only)	COMMENTS	GENERAL COMMENTS
Ⓒ	IMPLIED EASEMENT	SEC 167A OF THE TLA	P 4455	ROW	LOTS 20 & 21 (FORMERLY LOT 1 ON P4455)		Only shown if over part of the LUS.
Ⓑ	EXPRESSED EASEMENT		DOC T1775/1894	ROW	LOTS 20 & 21 (FORMERLY LOT 1 ON P4455)		Only shown if over part of LUS. Not captured in CSD file. Plotted, not dimensioned on DP.
Ⓜ	MINERAL RESERVATION	SEC 15 OF THE PWA		LOT / S			When an easement created under section 27A of TP&D Act is brought forward the beneficiary must remain the same as it was originally. Eg SECWA.
Ⓝ	MINERAL RESERVATION		DOC T12665/1947	LOT / S			A notification created under section 12A of TP&D Act is only to be brought forward when over part of a lot.
⑤	EASEMENT (DRAINAGE)	SEC 27A OF THE TP & D ACT, REG 5	DP25634	LOT	LOCAL GOVERNMENT (eg, City of Swan)		See SPPM Section 14.20 for the appropriate notation for the anomaly type. Interests being brought forward are listed above the line - listed in chronological order on registration date
Ⓐ	NOTIFICATION	SEC 12A OF THE TP & D ACT	DP25634	LOT		SEE NOTE Z	
Ⓑ	EASEMENT		DOC F739021	LOT	SEE DOCUMENT		
⑤	EASEMENT (DRAINAGE)	SEC 167 OF THE P & D ACT, REG 5	THIS PLAN	LOT / S	LOCAL GOVERNMENT (eg, City of Swan)		Reg 5 - Coloured orange.
⑥	EASEMENT (DRAINAGE) (SEWERAGE) (WATER SUPPLY)	SEC 167 OF THE P & D ACT, REG 6	THIS PLAN	LOT / S	WATER CORPORATION	eg THE PART OF EASEMENT Ⓒ TO THE WATER CORPORATION BOUNDED BY POINTS G, I, K & H HAS AN UPPER HEIGHT LIMIT OF 8 METRES.	(or other licensee under the Water Services Licensing Act 1995) Reg 6 - Coloured Blue. Same two easements over one lot are the same then show as "Ⓐ" and "Ⓑ" in SUBJECT. "EASEMENT" to be shown in the Heading for all section 167 P&D Act easements.
⑦	EASEMENT (ABOVE GROUND ELECTRIC)	SEC 167 OF THE P & D ACT, REG 7	THIS PLAN	LOT / S	ELECTRICITY GENERATION CORPORATION or ELECTRICITY NETWORKS CORPORATION or ELECTRICITY RETAIL CORPORATION or REGIONAL POWER CORPORATION		Reg's 7, 8 & 9 - Coloured Yellow. (or other holder of a licence under the Electricity Industry Act 2004) Beneficiary will be as per the conditional approval being one of the examples given here. 167 P&D Act easements require application to "VARY" or "EXTINGUISH".
⑧	EASEMENT (UNDERGROUND ELECTRIC)	SEC 167 OF THE P & D ACT, REG 8	THIS PLAN	LOT / S	ELECTRICITY GENERATION CORPORATION or ELECTRICITY NETWORKS CORPORATION or ELECTRICITY RETAIL CORPORATION or REGIONAL POWER CORPORATION		(or other holder of a licence under the Electricity Industry Act 2004) Beneficiary will be as per the conditional approval being one of the examples given here.
⑨	EASEMENT (GAS)	SEC 167 OF THE P & D ACT, REG 9	THIS PLAN	LOT / S	ALINTAGAS NETWORKS PTY LTD		(or other holder of a distribution licence under the Energy Coordination Act 1994)
Ⓟ	EASEMENT (RIGHT OF FOOTWAY) (WATER SUPPLY PURPOSES) (DRAINAGE) (GAS SUPPLY) (PARTY WALL RIGHTS) (EAVES & GUTTERS) (SEWERAGE) (MOTOR VEHICLE PARKING) (TRANSMISSION OF ELECTRICITY BY OVERHEAD CABLE) (TRANSMISSION OF ELECTRICITY BY UNDERGROUND CABLE) (TRANSMISSION OF TELEVISION SIGNALS BY UNDERGROUND CABLE)	SEC 136C OF THE TLA.	THIS PLAN	LOT / S	LOT (on or outside the plan) or LOCAL GOVERNMENT or PUBLIC AUTHORITY		No document is required to support these 13 schedule 9A TLA short form easements, although a document can be lodged in support if desired. No Benefit to private corporations, eg, Telstra. "EASEMENT" to be shown in the heading. 136C easements require application to "MODIFY" or "DISCHARGE"
Ⓒ	RIGHT OF CARRIAGE WAY	SEC 136C OF THE TLA.	THIS PLAN	LOT / S	LOT (on or outside the plan) or LOCAL GOVERNMENT or PUBLIC AUTHORITY		Document required to be lodged with easements <u>not</u> of Schedule 9A TLA. Short form type.
Ⓓ	EASEMENT (RIGHT OF SUPPORT)	SEC 136C OF THE TLA.	THIS PLAN & DOC	LOT / S	LOT (on or outside the plan)		If two easements over one lot are the same then show as "A and B" in SUBJECT and on graphic
Ⓡ 1040 A	EASEMENT (RIGHT OF SUPPORT)	SEC 136C OF THE TLA.	THIS PLAN & DOC	LOT 1040	LOT 1039		"EASEMENT" to be shown in the heading.
Ⓡ 1040 B	EASEMENT (RIGHT OF SUPPORT)	SEC 136C OF THE TLA.	THIS PLAN & DOC	LOT 1040	LOT 1041		Restrictive Covenant to be shown in the heading. Benefit and Burden must be with respect to land.
Ⓡ	RESTRICTIVE COVENANT	SEC 136D OF THE TLA	THIS PLAN & DOC	LOT / S	LOTS	EXPIRY DATE ./. /. LIMITED IN HEIGHT TO 30m AHD	Restrictive Covenants require application to "MODIFY" or "REMOVE" Restrictive Covenant <u>not</u> shown in the heading. This is a restrictive covenant in gross (that is, the benefit is not with respect to land) Beneficiary will be as per the document being one of the examples given here.
A to B	RESTRICTIVE COVENANT	SEC 129BA OF THE TLA	DOC	LOT / S	PUBLIC or LOCAL GOVERNMENT	RESTRICTION OF ACCESS	Easements require application to "PARTIALLY SURRENDER" or "SURRENDER"
Ⓔ	EASEMENT	ENERGY OPERATORS (POWERS) ACT 1979	DOC	LOT / S	ELECTRICITY GENERATION CORPORATION or ELECTRICITY NETWORKS CORPORATION or ELECTRICITY RETAIL CORPORATION or REGIONAL POWER CORPORATION		Easements not shown in Heading.
Ⓕ	EASEMENT	SEC 195 OF THE LAA	DOC	LOT / S	LOCAL GOVERNMENT OR PUBLIC AGENCY		Easement over crown land. Not shown in the heading Section 144 Easement requires application to "VARY" or "CANCEL"
Ⓟ	EASEMENT (PUBLIC ACCESS)	SEC 195 & 196 OF THE LAA	DOC	LOT / S	LOCAL GOVERNMENT OR PUBLIC AGENCY and THE PUBLIC AT LARGE		
H	EASEMENT	SEC 144 OF THE LAA 1997	DOC	LOT / S	SEE DOC		
Ⓟ	EASEMENT	PETROLEUM PIPELINES ACT 1968	DOC	LOT	SEE DOC		See Survey and Plan Practice Manual Example 20
Ⓒ	CROWN GRANT IN TRUST		SEE CROWN GRANT	LOT (FORMERLY LOT ___ ON DP ___)			
EASEMENTS, COVENANTS & OTHER INTERESTS above the Dotted Line							
VESTINGS, NOTIFICATIONS & MEMORIALS below the Dotted Line							
LOT 812	CONSERVATION OR PROTECTION OF THE ENVIRONMENT	VESTS IN THE CROWN UNDER SEC 152 OF THE P & D ACT	THIS PLAN				Lot number need not be a Crown PI any more.
LOT 813	ARTIFICIAL WATERWAY	VESTS IN THE CROWN UNDER SEC 152 OF THE P & D ACT	THIS PLAN				Section 167 Reg 6, 7, 8 & 9 easements can encumber vesting lots. All other interests must be removed or referred to DPI/LAMS.
LOT 814	PEDESTRIAN ACCESSWAY	VESTS IN THE CROWN UNDER SEC 152 OF THE P & D ACT	THIS PLAN				
LOT 815	RIGHT OF WAY	VESTS IN THE CROWN UNDER SEC 152 OF THE P & D ACT	THIS PLAN				
LOT 816	RESERVE FOR WATER SUPPLY	VESTS IN THE CROWN UNDER SEC 152 OF THE P & D ACT	THIS PLAN				
LOT 817	RESERVE FOR SEWERAGE	VESTS IN THE CROWN UNDER SEC 152 OF THE P & D ACT	THIS PLAN				
LOT 818	RESERVE FOR DRAINAGE	VESTS IN THE CROWN UNDER SEC 152 OF THE P & D ACT	THIS PLAN				
LOT 819	RESERVE FOR FORESHORE MANAGEMENT	VESTS IN THE CROWN UNDER SEC 152 OF THE P & D ACT	THIS PLAN				
LOT 820	RESERVE FOR WATERWAY MANAGEMENT	VESTS IN THE CROWN UNDER SEC 152 OF THE P & D ACT	THIS PLAN				
LOT 821	RESERVE FOR RECREATION	VESTS IN THE CROWN UNDER SEC 152 OF THE P & D ACT	THIS PLAN				
LOT 822	PUBLIC PURPOSE	VESTS IN THE CROWN UNDER SEC 152 OF THE P & D ACT	THIS PLAN				The public purpose will be specified in the condition and related to the subdivision.
	NOTIFICATION	SEC 70A OF THE TLA	DOC	LOT / S		eg, WATER CORPORATION	Notifications not shown in the heading.
	NOTIFICATION	SEC 165 OF THE P & D ACT	DOC	LOT / S		eg, MOSQUITO BREEDING AREA	
	MEMORIAL	SEC 67B OF THE WATER AGENCIES POWER ACT	THIS PLAN	LOT / S	WATER CORPORATION		Memorials require application to "PARTIALLY WITHDRAW" or "WITHDRAW"
	MEMORIAL	SEC 62D OF THE WATER BOARDS ACT 1904	THIS PLAN	LOT / S	WATER CORPORATION		Memorials not shown in the heading.
	MEMORIAL	SEC 30B OF THE SOIL & LAND CONSERVATION ACT 1945	DOC	LOT / S	COMMISSIONER OF SOIL & LAND CONSERVATION	AS TO PORTION ONLY - REFER TO DOC	This comment only used if unable to define area on DP
	MEMORIAL	CONTAMINATED SITES ACT 2003	DOC	LOT / S	DEPARTMENT OF ENVIRONMENT		
	MEMORIAL	SEC 56(1) OF THE HERITAGE OF WA ACT 1990	DOC	LOT / S	HERITAGE COUNCIL OF WA.		
LOT 100							LOT 100 TO BE TRANSFERRED TO THE STATE OF WESTERN AUSTRALIA FOR ... (specific purpose)



GEOSPATIAL DATA REQUEST

SCDB Extract example

DLI Job No: _____

CUSTOMER DETAILS:

Company: _____ Date: _____
 Contact Person: _____ Your Ref: _____
 Address: _____ Suburb: _____ State: _____ P/C: _____
 Phone: _____ Fax: _____ E-mail: _____

PLEASE PROVIDE QUOTE: (insert X if required) Quoted Price (office use only): \$

DEFINED AREA / PROJECTION:

Coordinates: Zone: _____ SW: _____ or NW: _____
 Whole of State: NE: _____ or SE: _____
 Area of Interest/Mapsheet: DP XXXXX
 PROJECTION: MGA (Coordinates) Geographicals (Lat / Long) PCG (Perth Coastal Grid)
 Special Instructions: _____

GEOSPATIAL DATA:

Cadastral
 Family Cadastral Control Lodged Layer Easement Administrative
 Data Type Polygons Lines Points Line Dist. Accuracy Statement (Norm Files)
 Format Shape File SDE DGN DXF DWG CSD
Tenure
 Attributes Lot/Loc No. Address Register (Cert of Title) Proprietor (Owner) Strata/Unit
 Format Access Excel ASCII

Administrative

Data Type All (includes LGA, Localities, Townsites, Ward) State Electoral (Legislative Assembly & Legislative Council)
 Format Shape File DGN DXF Shape File DXF

Road Centreline

Format Shape File DGN DXF DWG E00 AI Coverage

Geonoma

Topographic TXT CSV Road Names TXT CSV

Property Street Address

Format Shape File DGN DXF E00 ASCII AI COVERAGE

Aerial Imagery

Data Type Ortho Rectified Image
 Format TIFF TFW JPEG JGW BMP BPW ECW Other

Topographic

Data Type Relief Theme (Contours & Spot Heights) Planimetry Theme (Cultural & Drainage Features)
 Format DGN DXF DWG Shape File DGN DXF DWG

Thematic Data

State 1:3m State 1:1m Street Directory Travellers Atlas Touring Map City & Town
 Vector DGN DXF EPS Illustrator/Freehand
 Raster TIFF TFW JPEG JGW BMP BPW ECW Other

Reserve Report

Class A B C ALL
 Reserves: Reserves within Reserves vested in
 Format Hardcopy Digital Text Files

DELIVERY & LICENCE OPTIONS :

Delivery Options

- E-mail
- FTP
- CD ROM
- DVD
- Hard Drive

Licence Options

- End User
- Annual Access
- Value Added Reseller
- WALIS Member

PLEASE SEND REQUESTS TO :
 Department of Land Information
 Geospatial Data Delivery,
 Product Development & Delivery
 P.O. Box 2222, Midland, 6936
 Ph: (08) 9273 7045, Fax: (08) 9273 7655
 E-mail: geodata@dl.i.wa.gov.au

PAYMENT OPTIONS :

Please invoice our DLI account number: _____
 Enclosed is a cheque / money order, made payable to Department of Land Information
 Please charge my: Bankcard Mastercard Visa No: _____
 Cardholder's Name: _____ Expiry Date: _____ Receipt Required:



GEOSPATIAL DATA REQUEST

SMP Export example

DLI Job No: _____

CUSTOMER DETAILS:

Company: _____ Date: _____
 Contact Person: _____ Your Ref: _____
 Address: _____ Suburb: _____ State: _____ P/C: _____
 Phone: _____ Fax: _____ E-mail: _____

PLEASE PROVIDE QUOTE: (insert X if required) Quoted Price (office use only): \$

DEFINED AREA / PROJECTION:

Coordinates: Zone: _____ SW: _____ or NW: _____
 Whole of State: NE: _____ or SE: _____
 Area of Interest/Mapsheet: DP XXXXX
 PROJECTION: MGA(Coordinates) Geographicals (Lat / Long) PCG(Perth Coastal Grid)
 Special Instructions: CSD file export from SMP Browse Survey

GEOSPATIAL DATA:

Cadastral
 Family Cadastral Control Lodged Layer Easement Administrative
 Data Type Polygons Lines Points Line Dist. Accuracy Statement (Norm Files)
 Format Shape File SDE DGN DXF DWG CSD
Tenure
 Attributes Lot/Loc No. Address Register (Cert of Title) Proprietor (Owner) Strata/Unit
 Format Access Excel ASCII

Administrative
 Data Type All (includes LGA, Localities, Townsites, Ward) State Electoral (Legislative Assembly & Legislative Council)
 Format Shape File DGN DXF Shape File DXF

Road Centreline
 Format Shape File DGN DXF DWG E00 AI Coverage

Geonoma Topographic TXT CSV Road Names TXT CSV

Property Street Address
 Format Shape File DGN DXF E00 ASCII AI COVERAGE

Aerial Imagery
 Data Type Ortho Rectified Image
 Format TIFF TFW JPEG JGW BMP BPW ECW Other

Topographic
 Data Type Relief Theme (Contours & Spot Heights) Planimetry Theme (Cultural & Drainage Features)
 Format DGN DXF DWG Shape File DGN DXF DWG

Thematic Data State 1:3m State 1:1m Street Directory Travellers Atlas Touring Map City & Town
 Vector DGN DXF EPS Illustrator/Freehand
 Raster TIFF TFW JPEG JGW BMP BPW ECW Other

Reserve Report Class A B C ALL
 Reserves: Reserves within Reserves vested in
 Format Hardcopy Digital Text Files

DELIVERY & LICENCE OPTIONS :

Delivery Options
 E-mail
 FTP
 CD ROM
 DVD
 Hard Drive

Licence Options
 End User
 Annual Access
 Value Added Reseller
 WALIS Member

PLEASE SEND REQUESTS TO :
 Department of Land Information
 Geospatial Data Delivery,
 Product Development & Delivery
 P.O. Box 2222, Midland, 6936
 Ph: (08) 9273 7045, Fax: (08) 9273 7655
 E-mail: geodata@dl.i.wa.gov.au

PAYMENT OPTIONS :

Please invoice our DLI account number: _____
 Enclosed is a cheque / money order, made payable to Department of Land Information
 Please charge my: Bankcard Mastercard Visa No: _____
 Cardholder's Name: _____ Expiry Date: _____ Receipt Required: