



Last Updated: January 13, 2015

## Disposition Mapping: DIDs & DIDs+

Digital Integrated Dispositions (DIDs) is a geospatial mapping product that maintains surface activity extents on Crown Land within the Province of Alberta. DIDs is a spatial inventory of all active dispositions as of July 31st, 2005 and all new applications, amendments, renewals and cancellations approved as of August 1st, 2005. Disposition mapping is used for regulatory, permitting and planning applications, by industry, public and private sectors.

DIDs+ is an enhanced disposition mapping product which combines an extended set of attributes for active dispositions, including primary client and address information from Alberta Energy's Land Standing Reports, with the graphical mapping representation of DIDs. An external access database contains all (service and owner) client and address information, and general remarks related to active dispositions. The product is updated daily and typically reflects changes made by Public Lands the previous business day.

GLIMPS is the official system of record managing surface activities, reservations, encumbrances and postings on Public Lands. The information housed within this application (commonly referred to as Land Standing Reports) are made available to the public through Alberta Energy's Electronic Transfer System (ETS). Attributes maintained in GLIMPS are incorporated into the DIDs mapping on a daily basis, with DIDs+ having an extended offering that includes client information.

## Provincial Park Dispositions (TPR) March 2014

To accommodate the inclusion of dispositions issued under the Provincial Parks Act, **16 new CODES** were added and incorporated into the DIDs & DID+ mapping product in March 2014. (See List on Page 2)

The mapping of TPR activities is a work in progress. Dispositions awaiting integration are listed in the DISPOSITIONS NOT MAPPED table described on Page 6.

## AER Change December 2013

To accommodate the management change of certain disposition types, **5 new CODES** were added and incorporated into the DIDs & DID+ mapping product in December 2013. (See List on Page 2)

## Specification and General Information: Shape & DWG file formats

- Provincial coverage & 250K grid shape files are updated nightly; NAD83 Geographic coordinates
- AutoCad files are updated monthly; NAD83, 10TM coordinates, Central Meridian 115, AutoCad14. The Application & LSAS\_CONFLICT features are split into 2 separate DWG files.
- AutoCad graphics include polylines & text, arcs have been stroked, and the layer names correspond to the activity types as listed on Page 2.
- DIDs mapping in surveyed territory has an absolute spatial accuracy of 0-5 meters. DIDs mapping in un-surveyed territory has an absolute spatial accuracy of 0-20 meters.

## Disposition Mapping in Special Areas

- Special Areas is current as of 2nd quarter 2010 and is **not** updated on a regular basis.
- To keep the Special Areas activities unique, the letters “\_SA” have been appended to the DISPOSITION NUMBER.
- DIDs+ attributes for activities in Special Areas are not available.

## Types of Dispositions mapped within DIDs & DIDs+

Although there are literally hundreds of different types of disposition activities, the following **types** are being compiled and maintained within the AltaLIS DIDs and DIDs+ products. Due to various Government of Alberta agencies managing disposition activities, multiple CODES are possible.

CODE	NAME
CNC	Consultative Notation Company
CNT	Consultative Notation
CUP	Cultivation Permit
DHR	Designated Historic Resource
DRS	Disposition Reservation
EZE or EAS or PEZ	Easement
FDL	Farm Development Lease
FDS	Farm Development Sale
FGA	Forest Grazing Allotments
FGL	Forest Grazing License
FRD	Forestry Road
GRL or PGL	Grazing Lease
GRP or PGP	Grazing Permit
GRR	Provincial Grazing Reserve
HRS	Holding Reservation
ISP	Industrial Sample Plot
KRS	Kananaskis RCMP Staff Housing
LOC or DLO or PLC	License Of Occupation
MLL or DML or PML	Miscellaneous Lease
MLP or PMP	Miscellaneous Permit
MSL or DMS or PMS	Mineral Surface Lease
MTS	Miscellaneous Townsite Lease
PIL or DPI or PPI	Pipeline Installation Lease
PHP	TP&R Haying Permit
PLA or DPL or PPA	Pipeline Agreement
PLS	Public Land Sales
PRS	Parks Reservation Notation
PNT	Protective Notation
RDS	Provisional Roadway
REA or PRA	Rural Electric Association Easement
REC or PRL	Recreation Lease
ROE or PRE	Right-Of-Entry Agreement
ROW	Right-Of-Way Lease
RRD or PRD	Registered Roadway
SMC or PSM	Surface Material License
SME	Surface Material Exploration
SML	Surface Material Lease
VCE or RVC	Vegetation Control Easement

## DIDs Metadata

The DIDs product contains three shape files: Application (\_APPL), LSAS Conflict (\_LCON), and Historical (\_HIST), and a discrepancy report database with three tables: ATS Township, Discrepancy Report and Dispositions not mapped.

### APPLICATION

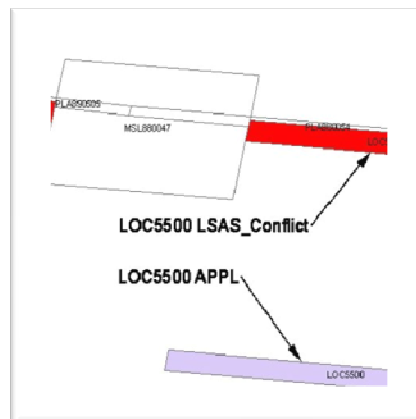
This file contains all dispositions as they were applied for and approved and the attributes for the disposition activity polygon(s) include:

DIDs NAME	DIDs CODE	DIDs DEFINITION
Unique ID	UNIQ_NUM	Each polygon has a unique identification value.
Disposition Number	DISP_NUM	The official assigned number for the disposition activity
Disposition Type	DISP_TYPE	The 3-letter code for the disposition type.
Version Date	VER_DATE	The date that an activity was applied for or amended.
Source Document	DOC	A text field reflecting the primary document used in the compilation of the disposition. This will be either: Survey » Sketch » Metes and Bounds » PLAT » Imagery
Discrepancy Flag	DISC_FLAG	A character flag to indicate if there was any discrepancy issues related to the compilation of the disposition. The acceptable values are: <b>Null</b> - An empty field: no issues » <b>Y</b> - There is a discrepancy.
Edit Date	EDIT_DATE	The last edit date of a disposition.
Process Date	PRO_DATE	The date on which the deliverable was created.

### LSAS CONFLICT

Sketches or surveys generally accompany a disposition application. Subsequent activity plans and scars on the ground can identify situations where the actual construction did not match the location or extent applied for. To adhere to the mapping specifications and retain adjacency, the activity may be drawn in its 'as-built' location where applicable. When the difference in location extends beyond the limits of a quarter section, the activity is mapped twice; once to represent the application mapping document (sketch or plan) and a second time to represent 'as-built' location.

The LSAS\_CONFLICT file contains the 'as-built' location derived from imagery or adjacent dispositions and the APPL file contains the disposition mapped as per the application sketch. Example:



## LSAS CONFLICT

Includes only dispositions where LSAS information shows the activity in a different quarter section than the application, as described previously. Attributes for the LSAS Conflict activity polygon(s) include:

DIDs NAME	DIDs CODE	DIDs DEFINITION
Unique ID	UNIQ_NUM	Each polygon has a unique identification value.
Disposition Number	DISP_NUM	The official assigned number for the disposition activity
Disposition Type	DISP_TYPE	The 3-letter code for the disposition type.
Version Date	VER_DATE	The date the Source Document (DOC) was applied for or amended. In the case of IMAGERY or REGISTERPLAN the field will be null.
Source Document	DOC	A text field reflecting the primary document used in the compilation of the disposition. This will be either: IMAGERY or REGISTERPLAN
Discrepancy Flag	DISC_FLAG	A character flag to indicate if there was any discrepancy issues related to the compilation of the disposition. The acceptable values are: <b>Null</b> - An empty field: no issues » <b>Y</b> - There is a discrepancy.
Edit Date	EDIT_DATE	The last edit date of a disposition.
Process Date	PRO_DATE	The date on which the deliverable was created.

## HISTORICAL

Includes all cancelled activities or activities replaced by an amendment, which were active on or since July 31st, 2005. The attributes for the historical disposition activity polygon(s) include:

DIDs NAME	DIDs CODE	DIDs DEFINITION
Unique ID	UNIQ_NUM	Each polygon has a unique identification value.
Disposition Number	DISP_NUM	The official assigned number for the disposition activity
Disposition Type	DISP_TYPE	The 3-letter code for the disposition type.
Version Date	VER_DATE	The date that an activity was applied for or amended.
Source Document	DOC	A text field reflecting the primary document used in the compilation of the disposition. This will be either: Survey » Sketch » Metes and Bounds » PLAT » Imagery
Status Flag	STAT_FLAG	A character flag indicating whether the activity has been cancelled or replaced by an amendment The acceptable values are: <b>C</b> – Cancelled » <b>R</b> – Replaced
Cancelled Date	CAN_DATE	This field indicates the date on which the activity was cancelled and is only applicable to those activities with a STAT_FLAG = 'C'.
Discrepancy Flag	DISC_FLAG	A character flag to indicate if there was any discrepancy issues related to the compilation of the disposition. The acceptable values are: <b>Null</b> - An empty field: no issues » <b>Y</b> - There is a discrepancy.
Edit Date	EDIT_DATE	The last edit date of a disposition.
Process Date	PRO_DATE	The date on which the deliverable was created.

## Discrepancy Report Access Database

If an activity is marked with a discrepancy, it is a caution to the user that discrepancies have been found during the mapping process. This may include discrepancies between application plans and adjacent activity plans, GLIMPS land records, legal land descriptions, area notation, etc. Discrepancy\_Report.accdb is an Access Database containing supplementary information to accompany the graphical information, and includes 3 tables: ATS Township, Discrepancy Report, and Dispositions Not Mapped.

**ATS TOWNSHIP:** List of Townships the activity covers

DIDs CODE	DIDs DEFINITION
ACTIVITY_NUMBER	The official assigned number for the disposition activity
TOWNSHIP	Township in format MeridianRangeTownship ie. 405095 Meridian 4, Range 5, Township 95.

**DISCREPANCY REPORT:** Contains details about discrepancies in the activities mapped.

DIDs CODE	DIDs DEFINITION
DISCREPANCY_NUMBER	Unique Identifier.
ACTIVITY_NUMBER	The official assigned number for the disposition activity
COMPILATION_DATE	Date the discrepancy was identified during the mapping process.
DISCREPANCY_CODE	Numeric code categorizing the issue. (Descriptions listed below)
VARIANCE	The approximate maximum distance in meters, between the application plan and presumed ground location. This is pertinent for Discrepancy Codes 3 and 6 only.
COMMENTS	Additional comments to clarify the discrepancy (optional)

**DISCREPANCY CODES:** Description of numeric discrepancy codes.

CODE	DESCRIPTION
1	GLIMPS land list description does not agree with plan intent
2	Conflict – overlaps with another disposition
3	As-Built Activity conflicts with GLIMPS ATS Descriptor Location
4	Deficient plan information or non-decipherable plan image
5	Deficiency in metes and bounds description
6	Variance issues (exceeds threshold values)

**DISPOSITIONS NOT MAPPED:** Those activities that are unavailable for mapping due to various outstanding issues.

DIDs CODE	DIDs DEFINITION
<b>ID</b>	Unique Identifier.
<b>MNC_ID</b>	Unique identifier for internal mapping process.
<b>ACTIVITY_NUMBER</b>	The official assigned number for the disposition activity
<b>DOC_DATE</b>	The date recorded on the Disposition Plan or Sketch.
<b>PLAN</b>	Plan number under which the plan/sketch is filed at public lands (only the first plan number is indicated).

### DIDs+ Metadata

The DIDs+ product contains three shape files: Application (\_APPL), LSAS Conflict (\_LCON), and Historical (\_HIST), and two Access Database files. Discrepancy Report with three tables: ATS Township, Discrepancy Report and Dispositions not mapped & DIDs+ with four tables: Activities, Clients, Addresses, and Comments. Refer to DIDs metadata for descriptions of LSAS Conflict, Historical attributes and details about the Discrepancy Report. DIDs+ features an extended attribute table (49 fields), and an external database with additional information.

### APPLICATION

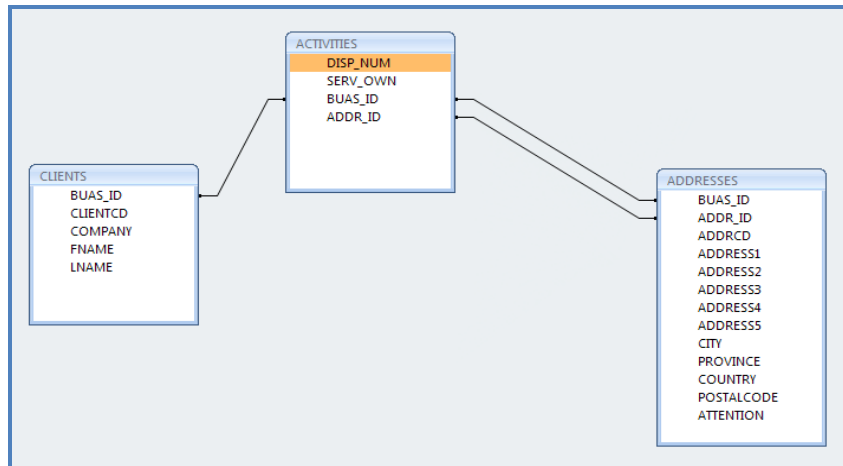
DIDs+ NAME	DIDs+ CODE	DIDs+ DEFINITION
Unique ID	UNIQ_NUM	Each polygon has a unique identification value.
Disposition Number	DISP_NUM	The official assigned number for the disposition activity
Disposition Type	DISP_TYPE	The 3-letter code for the disposition type.
Version Date	VER_DATE	The date recorded on the Disposition Plan or Sketch.
Source Document	DOC	A text field reflecting the primary document used in the compilation of the disposition. This will be either: Survey » Sketch » Metes and Bounds » PLAT » Imagery
Discrepancy Flag	DISC_FLAG	A character flag to indicate if there was any discrepancy issues related to the compilation of the disposition. The acceptable values are: <b>Null</b> - An empty field: no issues » <b>Y</b> - There is a discrepancy.
Edit Date	EDIT_DATE	The last edit date of a disposition.
Process Date	PRO_DATE	The date on which the deliverable was created.
Disposition Type Name	TYPENAME	Full description of disposition type.
Application Date	APPDATE	Date a company or individual applied for the activity.
Letter Of Authority Date	LOADATE	Date authority was given to commence work.
Effective Date	EFFDATE	Date activity was approved.
Amendment Date	AMNDATE	Date of latest amendment to the activity.
Cancellation Date	CANDATE	Date the activity was cancelled.

<b>DIDs+ NAME</b>	<b>DIDs+ CODE</b>	<b>DIDs+ DEFINITION</b>
Renewal Date	RENDATE	Date the activity was renewed.
Expiry Date	EXPDATE	Date the activity is due or has expired.
Reinstatement Date	REIDATE	Date the activity was reinstated.
Amend LOA Date	AMLDATE	Date of amendment to the Letter of Authority.
Plan Number	PLAN	Plan number under which the plan/sketch is filed (only the first plan number is indicated).
Status Code	STATCD	Current status of activity's progress through the life cycle.
Near Water Flag	NEARWATER	Whether or not the activity is within 100 meters of a body of water. Acceptable values: 'Y' or 'N' or blank.
Purpose Code	PURPCD	Indicates the purpose for activity.
Purpose Text	PURPTXT	Additional remarks regarding the purpose for activity.
Dimensions	DIMENSION	General text defining the physical dimension of the disposition.
Area Hectares	AREA_HECT	Total recorded area in hectares covered by the activity.
Area Acres	AREA_ACRES	Total area in acres covered by the activity (calculated from AREA_HECT).
Client Code	CLIENTCD	Client type.
Company	COMPANY	Service client company name.
First Name	FNAME	Service client first name.
Last Name	LNAME	Service client last name.
Client Count	CCOUNT	Indicates the number of clients including service and owner clients (additional client information is found in the DIDs+ access database)
Restriction Code	RESTCD	Restrictions to the types of applications that can be placed on the land parcels contained within the reservation activity.
Exception Code – 1	RESEX1	Exception to the restriction.
Exception Code – 2	RESEX2	Exception to the restriction.
Exception Code – 3	RESEX3	Exception to the restriction.
Exception Code – 4	RESEX4	Exception to the restriction.
Address Status	ADDRSTATUS	Current status of service client address.
Address Code	ADDRCD	Indicates whether service client address is used for mineral, surface or both.
Address – 1	ADDRESS1	First of 5 lines of free format service client address information.
Address – 2	ADDRESS2	Second of 5 lines of free format service client address information.
Address – 3	ADDRESS3	Third of 5 lines of free format service client address information.
Address – 4	ADDRESS4	Fourth of 5 lines of free format service client address information.

DIDs+ NAME	DIDs+ CODE	DIDs+ DEFINITION
Address – 5	ADDRESS5	Fifth of 5 lines of free format service client address information.
City	CITY	Service client City/Town/Village.
Province	PROVINCE	Service client Province/State.
Country	COUNTRY	Service client Country.
Postal Code	POSTALCODE	Service client Postal code.
Attention	ATTENTION	Free format text indicating who mail should be 'Attention' to.
General Comments	GENCMT	Yes/No Flag indicating if "General Comments" exist in the accompanying DIDs+ access database.

### DIDs+ Access Database

The DIDs+ database is an Access Database containing supplementary information to accompany the shape file. There are 4 tables: Activities, Clients, Addresses, and Comments. The diagram describes the relationship between Activities, Clients, and Addresses. 'Comments' is a stand-alone table, and is not related to the other three. Following the diagram, each of the 4 tables are listed, and the attributes within.



**ACTIVITIES:** Table containing the relationship from Activities to Clients and Addresses.

DIDs+ CODE	DIDs+ DEFINITION
<b>DISP_NUM</b>	The official assigned number for the disposition activity
<b>SERV_OWN</b>	Client type indicator: Service or Owner.
<b>BUAS_ID</b>	Key to relate to the Clients table.
<b>ADDR_ID</b>	Key to relate to the Address table.



**CLIENTS:** Table containing all active clients.

DIDs+ CODE	DIDs+ DEFINITION
BUAS_ID	Key to relate to the Activities and Addresses table.
CLIENTCD	Client type.
COMPANY	Client company name.
FNAME	Client first name.
LNAME	Client last name.

**ADDRESSES:** Table containing all active addresses for active clients.

DIDs+ CODE	DIDs+ DEFINITION
BUAS_ID	Key to relate to the Activities table.
ADDR_ID	Key to relate to the Addresses table.
ADDRCD	Indicates whether client address is used for mineral, surface or both.
ADDRESS1	First of 5 lines of free format address information.
ADDRESS2	Second of 5 lines of free format address information.
ADDRESS3	Third of 5 lines of free format address information.
ADDRESS4	Fourth of 5 lines of free format address information.
ADDRESS5	Fifth of 5 lines of free format address information.
CITY	City/Town/Village.
PROVINCE	Province/State.
COUNTRY	Country.
POSTALCODE	Postal code.
ATTENTION	Free format text indicating who mail should be 'Attention' to.

**COMMENTS:** Table containing general comments about the activity.

DIDs+ CODE	DIDs+ DEFINITION
DISP_NUM	The official assigned number for the disposition activity
ID	Indicates general comments were entered.
COMMENTS	General comments.

## AltaLIS Support Desk

- To report a mapping discrepancy, complete the template under Survey Tools/Disposition/Support at [http://www.altalis.com/resources/surveyor\\_tools/dispositions.html](http://www.altalis.com/resources/surveyor_tools/dispositions.html) and email it to [info@altalis.com](mailto:info@altalis.com).
- Contact the AltaLIS Order Desk at **403-716-3490** during business hours, or email: [data@altalis.com](mailto:data@altalis.com) for questions.